

**Calendar No. 103**

106TH CONGRESS  
1ST Session

**H. R. 1480**

***AN ACT***

To provide for the conservation and development of water and related resources, to authorize the United States Army Corps of Engineers to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

MAY 5, 1999

Read twice and placed on the calendar

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IN THE SENATE OF THE UNITED STATES

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**AN ACT**

To provide for the conservation and development of water and related resources, to authorize the United States Army Corps of Engineers to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

1        *Be it enacted by the Senate and House of Representa-*  
 2        *tives of the United States of America in Congress assembled,*

3        **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4        (a) SHORT TITLE.—This Act may be cited as the  
 5        “Water Resources Development Act of 1999”.

6        (b) TABLE OF CONTENTS.—

Sec. 1. Short title; table of contents.

Sec. 2. Secretary defined.

TITLE I—WATER RESOURCES PROJECTS

Sec. 101. Project authorizations.

Sec. 102. Small flood control projects.

Sec. 103. Small bank stabilization projects.

Sec. 104. Small navigation projects.

Sec. 105. Small projects for improvement of the environment.

Sec. 106. Small aquatic ecosystem restoration projects.

TITLE II—GENERAL PROVISIONS

Sec. 201. Small flood control authority.

Sec. 202. Use of non-Federal funds for compiling and disseminating informa-  
 tion on floods and flood damages.

Sec. 203. Contributions by States and political subdivisions.

Sec. 204. Sediment decontamination technology.

Sec. 205. Control of aquatic plants.

Sec. 206. Use of continuing contracts required for construction of certain  
 projects.

Sec. 207. Support of Army civil works program.

Sec. 208. Water resources development studies for the Pacific region.

Sec. 209. Everglades and south Florida ecosystem restoration.

Sec. 210. Beneficial uses of dredged material.

Sec. 211. Harbor cost sharing.

Sec. 212. Aquatic ecosystem restoration.

Sec. 213. Watershed management, restoration, and development.

Sec. 214. Flood mitigation and riverine restoration pilot program.

Sec. 215. Shoreline management program.

Sec. 216. Assistance for remediation, restoration, and reuse.

Sec. 217. Shore damage mitigation.

Sec. 218. Shore protection.

Sec. 219. Flood prevention coordination.

Sec. 220. Annual passes for recreation.

Sec. 221. Cooperative agreements for environmental and recreational measures.

Sec. 222. Nonstructural flood control projects.

Sec. 223. Lakes program.

Sec. 224. Construction of flood control projects by non-Federal interests.

Sec. 225. Enhancement of fish and wildlife resources.

Sec. 226. Sense of Congress; requirement regarding notice.

Sec. 227. Periodic beach nourishment.

- Sec. 228. Environmental dredging.
- Sec. 229. Wetlands mitigation.

### TITLE III—PROJECT-RELATED PROVISIONS

- Sec. 301. Missouri River Levee System.
- Sec. 302. Ouzinkie Harbor, Alaska.
- Sec. 303. Greers Ferry Lake, Arkansas.
- Sec. 304. Ten- and Fifteen-Mile Bayous, Arkansas.
- Sec. 305. Loggy Bayou, Red River below Denison Dam, Arkansas, Louisiana, Oklahoma, and Texas.
- Sec. 306. Sacramento River, Glenn-Colusa, California.
- Sec. 307. San Lorenzo River, California.
- Sec. 308. Terminus Dam, Kaweah River, California.
- Sec. 309. Delaware River mainstem and channel deepening, Delaware, New Jersey, and Pennsylvania.
- Sec. 310. Potomac River, Washington, District of Columbia.
- Sec. 311. Brevard County, Florida.
- Sec. 312. Broward County and Hillsboro Inlet, Florida.
- Sec. 313. Fort Pierce, Florida.
- Sec. 314. Nassau County, Florida.
- Sec. 315. Miami Harbor Channel, Florida.
- Sec. 316. Lake Michigan, Illinois.
- Sec. 317. Springfield, Illinois.
- Sec. 318. Little Calumet River, Indiana.
- Sec. 319. Ogden Dunes, Indiana.
- Sec. 320. Saint Joseph River, South Bend, Indiana.
- Sec. 321. White River, Indiana.
- Sec. 322. Lake Pontchartrain, Louisiana.
- Sec. 323. Larose to Golden Meadow, Louisiana.
- Sec. 324. Louisiana State Penitentiary Levee, Louisiana.
- Sec. 325. Twelve-mile Bayou, Caddo Parish, Louisiana.
- Sec. 326. West Bank of the Mississippi River (East of Harvey Canal), Louisiana.
- Sec. 327. Tolchester Channel, Baltimore Harbor and channels, Chesapeake Bay, Kent County, Maryland.
- Sec. 328. Sault Sainte Marie, Chippewa County, Michigan.
- Sec. 329. Jackson County, Mississippi.
- Sec. 330. Tunica Lake, Mississippi.
- Sec. 331. Bois Brule Drainage and Levee District, Missouri.
- Sec. 332. Meramec River Basin, Valley Park Levee, Missouri.
- Sec. 333. Missouri River mitigation project, Missouri, Kansas, Iowa, and Nebraska.
- Sec. 334. Wood River, Grand Island, Nebraska.
- Sec. 335. Absecon Island, New Jersey.
- Sec. 336. New York Harbor and Adjacent Channels, Port Jersey, New Jersey.
- Sec. 337. Passaic River, New Jersey.
- Sec. 338. Sandy Hook to Barnegat Inlet, New Jersey.
- Sec. 339. Arthur Kill, New York and New Jersey.
- Sec. 340. New York City watershed.
- Sec. 341. New York State Canal System.
- Sec. 342. Fire Island Inlet to Montauk Point, New York.
- Sec. 343. Broken Bow Lake, Red River Basin, Oklahoma.
- Sec. 344. Willamette River temperature control, Mckenzie Subbasin, Oregon.
- Sec. 345. Aylesworth Creek Reservoir, Pennsylvania.

- Sec. 346. Curwensville Lake, Pennsylvania.
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- Sec. 348. Mussers Dam, Pennsylvania.
- Sec. 349. Nine-Mile Run, Allegheny County, Pennsylvania.
- Sec. 350. Raystown Lake, Pennsylvania.
- Sec. 351. South Central Pennsylvania.
- Sec. 352. Cooper River, Charleston Harbor, South Carolina.
- Sec. 353. Bowie County Levee, Texas.
- Sec. 354. Clear Creek, Texas.
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- Sec. 356. Dallas Floodway Extension, Dallas, Texas.
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- Sec. 358. Elizabeth River, Chesapeake, Virginia.
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- Sec. 361. Moorefield, West Virginia.
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- Sec. 366. Martin, Kentucky.
- Sec. 367. Southern West Virginia pilot program.
- Sec. 368. Black Warrior and Tombigbee Rivers, Jackson, Alabama.
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- Sec. 402. Upper Mississippi River comprehensive plan.
- Sec. 403. El Dorado, Union County, Arkansas.
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- Sec. 407. Port Everglades Inlet, Florida.
- Sec. 408. Upper Des Plaines River and tributaries, Illinois and Wisconsin.
- Sec. 409. Cameron Parish west of Calcasieu River, Louisiana.
- Sec. 410. Grand Isle and vicinity, Louisiana.
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- Sec. 412. Westport, Massachusetts.
- Sec. 413. Southwest Valley, Albuquerque, New Mexico.
- Sec. 414. Cayuga Creek, New York.
- Sec. 415. Arcola Creek Watershed, Madison, Ohio.
- Sec. 416. Western Lake Erie Basin, Ohio, Indiana, and Michigan.
- Sec. 417. Schuylkill River, Norristown, Pennsylvania.
- Sec. 418. Lakes Marion and Moultrie, South Carolina.
- Sec. 419. Day County, South Dakota.
- Sec. 420. Corpus Christi, Texas.
- Sec. 421. Mitchell's Cut Channel (Caney Fork Cut), Texas.
- Sec. 422. Mouth of Colorado River, Texas.
- Sec. 423. Kanawha River, Fayette County, West Virginia.
- Sec. 424. West Virginia ports.

- Sec. 425. Great Lakes region comprehensive study.
- Sec. 426. Nutrient loading resulting from dredged material disposal.
- Sec. 427. Santee Delta focus area, South Carolina.
- Sec. 428. Del Norte County, California.
- Sec. 429. St. Clair River and Lake St. Clair, Michigan.
- Sec. 430. Cumberland County, Tennessee.

#### TITLE V—MISCELLANEOUS PROVISIONS

- Sec. 501. Corps assumption of NRCS projects.
- Sec. 502. Construction assistance.
- Sec. 503. Contaminated sediment dredging technology.
- Sec. 504. Dam safety.
- Sec. 505. Great Lakes remedial action plans.
- Sec. 506. Sea Lamprey control measures in the Great Lakes.
- Sec. 507. Maintenance of navigation channels.
- Sec. 508. Measurement of Lake Michigan diversions.
- Sec. 509. Upper Mississippi River environmental management program.
- Sec. 510. Atlantic Coast of New York monitoring.
- Sec. 511. Water control management.
- Sec. 512. Beneficial use of dredged material.
- Sec. 513. Design and construction assistance.
- Sec. 514. Lower Missouri River aquatic restoration projects.
- Sec. 515. Aquatic resources restoration in the Northwest.
- Sec. 516. Innovative technologies for watershed restoration.
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- Sec. 518. Expedited consideration of certain projects.
- Sec. 519. Dog River, Alabama.
- Sec. 520. Elba, Alabama.
- Sec. 521. Geneva, Alabama.
- Sec. 522. Navajo Reservation, Arizona, New Mexico, and Utah.
- Sec. 523. Augusta and Devalls Bluff, Arkansas.
- Sec. 524. Beaver Lake, Arkansas.
- Sec. 525. Beaver Lake trout production facility, Arkansas.
- Sec. 526. Chino Dairy Preserve, California.
- Sec. 527. Novato, California.
- Sec. 528. Orange and San Diego Counties, California.
- Sec. 529. Salton Sea, California.
- Sec. 530. Santa Cruz Harbor, California.
- Sec. 531. Point Beach, Milford, Connecticut.
- Sec. 532. Lower St. Johns River Basin, Florida.
- Sec. 533. Shoreline protection and environmental restoration, Lake Allatoona,  
Georgia.
- Sec. 534. Mayo's Bar Lock and Dam, Coosa River, Rome, Georgia.
- Sec. 535. Comprehensive flood impact response modeling system, Coralville  
Reservoir and Iowa River Watershed, Iowa.
- Sec. 536. Additional construction assistance in Illinois.
- Sec. 537. Kanopolis Lake, Kansas.
- Sec. 538. Southern and Eastern Kentucky.
- Sec. 539. Southeast Louisiana.
- Sec. 540. Snug Harbor, Maryland.
- Sec. 541. Welch Point, Elk River, Cecil County, and Chesapeake City, Mary-  
land.
- Sec. 542. West View Shores, Cecil County, Maryland.
- Sec. 543. Restoration projects for Maryland, Pennsylvania, and West Virginia.

- Sec. 544. Cape Cod Canal Railroad Bridge, Buzzards Bay, Massachusetts.
- Sec. 545. St. Louis, Missouri.
- Sec. 546. Beaver Branch of Big Timber Creek, New Jersey.
- Sec. 547. Lake Ontario and St. Lawrence River water levels, New York.
- Sec. 548. New York-New Jersey Harbor, New York and New Jersey.
- Sec. 549. Sea Gate Reach, Coney Island, New York, New York.
- Sec. 550. Woodlawn, New York.
- Sec. 551. Floodplain mapping, New York.
- Sec. 552. White Oak River, North Carolina.
- Sec. 553. Toussaint River, Carroll Township, Ottawa County, Ohio.
- Sec. 554. Sardis Reservoir, Oklahoma.
- Sec. 555. Waurika Lake, Oklahoma, water conveyance facilities.
- Sec. 556. Skinner Butte Park, Eugene, Oregon.
- Sec. 557. Willamette River basin, Oregon.
- Sec. 558. Bradford and Sullivan Counties, Pennsylvania.
- Sec. 559. Erie Harbor, Pennsylvania.
- Sec. 560. Point Marion Lock And Dam, Pennsylvania.
- Sec. 561. Seven Points' Harbor, Pennsylvania.
- Sec. 562. Southeastern Pennsylvania.
- Sec. 563. Upper Susquehanna-Lackawanna watershed restoration initiative.
- Sec. 564. Aguadilla Harbor, Puerto Rico.
- Sec. 565. Oahe Dam to Lake Sharpe, South Dakota, study.
- Sec. 566. Integrated water management planning, Texas.
- Sec. 567. Bolivar Peninsula, Jefferson, Chambers, and Galveston Counties,  
Texas.
- Sec. 568. Galveston Beach, Galveston County, Texas.
- Sec. 569. Packery Channel, Corpus Christi, Texas.
- Sec. 570. Northern West Virginia.
- Sec. 571. Urbanized peak flood management research.
- Sec. 572. Mississippi River Commission.
- Sec. 573. Coastal aquatic habitat management.
- Sec. 574. West Baton Rouge Parish, Louisiana.
- Sec. 575. Abandoned and inactive noncoal mine restoration.
- Sec. 576. Beneficial use of waste tire rubber.
- Sec. 577. Site designation.
- Sec. 578. Land conveyances.
- Sec. 579. Namings.
- Sec. 580. Folsom Dam and Reservoir additional storage and additional flood  
control studies.
- Sec. 581. Wallops Island, Virginia.
- Sec. 582. Detroit River, Detroit, Michigan.
- Sec. 583. Northeastern Minnesota.
- Sec. 584. Alaska.
- Sec. 585. Central West Virginia.
- Sec. 586. Sacramento Metropolitan area watershed restoration, California.
- Sec. 587. Onondaga Lake.
- Sec. 588. East Lynn Lake, West Virginia.
- Sec. 589. Eel River, California.
- Sec. 590. North Little Rock, Arkansas.
- Sec. 591. Upper Mississippi River, Mississippi Place, St. Paul, Minnesota.

1 **SEC. 2. SECRETARY DEFINED.**

2 In this Act, the term “Secretary” means the Sec-  
3 retary of the Army.

4 **TITLE I—WATER RESOURCES**  
5 **PROJECTS**

6 **SEC. 101. PROJECT AUTHORIZATIONS.**

7 (a) PROJECTS WITH CHIEF’S REPORTS.—The fol-  
8 lowing projects for water resources development and con-  
9 servation and other purposes are authorized to be carried  
10 out by the Secretary substantially in accordance with the  
11 plans, and subject to the conditions, described in the re-  
12 spective reports designated in this subsection:

13 (1) SAND POINT HARBOR, ALASKA.—The  
14 project for navigation, Sand Point Harbor, Alaska:  
15 Report of the Chief of Engineers dated October 13,  
16 1998, at a total cost of \$11,760,000, with an esti-  
17 mated Federal cost of \$6,964,000 and an estimated  
18 non-Federal cost of \$4,796,000.

19 (2) RIO SALADO, SALT RIVER, PHOENIX AND  
20 TEMPE, ARIZONA.—The project for flood control and  
21 environmental restoration, Rio Salado, Salt River,  
22 Phoenix and Tempe, Arizona: Report of the Chief of  
23 Engineers dated August 20, 1998, at a total cost of  
24 \$88,048,000, with an estimated Federal cost of  
25 \$56,355,000 and an estimated non-Federal cost of  
26 \$31,693,000.



1           (3) TUCSON DRAINAGE AREA, ARIZONA.—The  
2       project for flood control, Tucson drainage area, Ari-  
3       zona: Report of the Chief of Engineers, dated May  
4       20, 1998, at a total cost of \$29,900,000, with an es-  
5       timated Federal cost of \$16,768,000 and an esti-  
6       mated non-Federal cost of \$13,132,000.

7           (4) AMERICAN RIVER WATERSHED, CALI-  
8       FORNIA.—

9           (A) IN GENERAL.—The Folsom Dam  
10       Modification portion of the Folsom Modification  
11       Plan described in the United States Army  
12       Corps of Engineers Supplemental Information  
13       Report for the American River Watershed  
14       Project, California, dated March 1996, as modi-  
15       fied by the report entitled “Folsom Dam Modi-  
16       fication Report, New Outlets Plan,” dated  
17       March 1998, prepared by the Sacramento Area  
18       Flood Control Agency, at an estimated cost of  
19       \$150,000,000, with an estimated Federal cost  
20       of \$97,500,000 and an estimated non-Federal  
21       cost of \$52,500,000. The Secretary shall coordi-  
22       nate with the Secretary of the Interior with re-  
23       spect to the design and construction of modi-  
24       fications at Folsom Dam authorized by this  
25       paragraph.

1           (B) REOPERATION MEASURES.—Upon  
2 completion of the improvements to Folsom Dam  
3 authorized by subparagraph (A), the variable  
4 space allocated to flood control within the Res-  
5 ervoir shall be reduced from the current oper-  
6 ating range of 400,000-670,000 acre-feet to  
7 400,000-600,000 acre-feet.

8           (C) MAKEUP OF WATER SHORTAGES  
9 CAUSED BY FLOOD CONTROL OPERATION.—The  
10 Secretary of the Interior shall enter into, or  
11 modify, such agreements with the Sacramento  
12 Area Flood Control Agency regarding the oper-  
13 ation of Folsom Dam and reservoir as may be  
14 necessary in order that, notwithstanding any  
15 prior agreement or provision of law, 100 per-  
16 cent of the water needed to make up for any  
17 water shortage caused by variable flood control  
18 operation during any year at Folsom Dam and  
19 resulting in a significant impact on recreation  
20 at Folsom Reservoir shall be replaced, to the  
21 extent the water is available for purchase, by  
22 the Secretary of the Interior.

23           (D) SIGNIFICANT IMPACT ON RECRE-  
24 ATION.—For the purposes of this paragraph, a  
25 significant impact on recreation is defined as

1           any impact that results in a lake elevation at  
2           Folsom Reservoir below 435 feet above sea level  
3           starting on May 15 and ending on September  
4           15 of any given year.

5           (5) OAKLAND HARBOR, CALIFORNIA.—The  
6           project for navigation, Oakland Harbor, California:  
7           Report of the Chief of Engineers dated April 21,  
8           1999, at a total cost of \$252,290,000, with an esti-  
9           mated Federal cost of \$128,081,000 and an esti-  
10          mated non-Federal cost of \$124,209,000.

11          (6) SOUTH SACRAMENTO COUNTY STREAMS,  
12          CALIFORNIA.—The project for flood control, environ-  
13          mental restoration and recreation, South Sac-  
14          ramento County streams, California: Report of the  
15          Chief of Engineers dated October 6, 1998, at a total  
16          cost of \$65,500,000, with an estimated Federal cost  
17          of \$41,200,000 and an estimated non-Federal cost  
18          of \$24,300,000.

19          (7) UPPER GUADALUPE RIVER, CALIFORNIA.—  
20          The project for flood control and recreation, Upper  
21          Guadalupe River, California: Locally Preferred Plan  
22          (known as the “Bypass Channel Plan”), Report of  
23          the Chief of Engineers dated August 19, 1998, at a  
24          total cost of \$140,328,000, with an estimated Fed-

1       eral cost of \$70,164,000 and an estimated non-Fed-  
2       eral cost of \$70,164,000.

3           (8) YUBA RIVER BASIN, CALIFORNIA.—The  
4       project for flood control, Yuba River Basin, Cali-  
5       fornia: Report of the Chief of Engineers dated No-  
6       vember 25, 1998, at a total cost of \$26,600,000,  
7       with an estimated Federal cost of \$17,350,000 and  
8       an estimated non-Federal cost of \$9,250,000.

9           (9) DELAWARE BAY COASTLINE, DELAWARE  
10      AND NEW JERSEY-BROADKILL BEACH, DELAWARE.—  
11      The project for hurricane and storm damage reduc-  
12      tion, Delaware Bay coastline, Delaware and New  
13      Jersey-Broadkill Beach, Delaware: Report of the  
14      Chief of Engineers dated August 17, 1998, at a  
15      total cost of \$9,049,000, with an estimated Federal  
16      cost of \$5,674,000 and an estimated non-Federal  
17      cost of \$3,375,000, and at an estimated average an-  
18      nual cost of \$538,200 for periodic nourishment over  
19      the 50-year life of the project, with an estimated an-  
20      nual Federal cost of \$349,800 and an estimated an-  
21      nual non-Federal cost of \$188,400.

22           (10) DELAWARE BAY COASTLINE, DELAWARE  
23      AND NEW JERSEY-PORT MAHON, DELAWARE.—The  
24      project for ecosystem restoration, Delaware Bay  
25      coastline, Delaware and New Jersey-Port Mahon,

1 Delaware: Report of the Chief of Engineers dated  
2 September 28, 1998, at a total cost of \$7,644,000,  
3 with an estimated Federal cost of \$4,969,000 and  
4 an estimated non-Federal cost of \$2,675,000, and at  
5 an estimated average annual cost of \$234,000 for  
6 periodic nourishment over the 50-year life of the  
7 project, with an estimated annual Federal cost of  
8 \$152,000 and an estimated annual non-Federal cost  
9 of \$82,000.

10 (11) DELAWARE BAY COASTLINE, DELAWARE  
11 AND NEW JERSEY-ROOSEVELT INLET-LEWES BEACH,  
12 DELAWARE.—The project for navigation mitigation  
13 and hurricane and storm damage reduction, Dela-  
14 ware Bay coastline, Delaware and New Jersey-Roo-  
15 sevelt Inlet-Lewes Beach, Delaware: Report of the  
16 Chief of Engineers dated February 3, 1999, at a  
17 total cost of \$3,393,000, with an estimated Federal  
18 cost of \$2,620,000 and an estimated non-Federal  
19 cost of \$773,000, and at an estimated average an-  
20 nual cost of \$196,000 for periodic nourishment over  
21 the 50-year life of the project, with an estimated an-  
22 nual Federal cost of \$152,000 and an estimated an-  
23 nual non-Federal cost of \$44,000.

24 (12) DELAWARE BAY COASTLINE, DELAWARE  
25 AND NEW JERSEY-VILLAS AND VICINITY, NEW JER-

1 SEY.—The project for shore protection and eco-  
2 system restoration, Delaware Bay coastline, Dela-  
3 ware and New Jersey-Villas and vicinity, New Jer-  
4 sey: Report of the Chief of Engineers dated April  
5 21, 1999, at a total cost of \$7,520,000, with an esti-  
6 mated Federal cost of \$4,888,000 and an estimated  
7 non-Federal cost of \$2,632,000.

8 (13) DELAWARE COAST FROM CAPE  
9 HENELOPEN TO FENWICK ISLAND, BETHANY BEACH/  
10 SOUTH BETHANY BEACH, DELAWARE.—The project  
11 for hurricane and storm damage reduction, Dela-  
12 ware Coast from Cape Henelopen to Fenwick Island,  
13 Bethany Beach/South Bethany Beach, Delaware:  
14 Report of the Chief of Engineers dated April 21,  
15 1999, at a total cost of \$22,205,000, with an esti-  
16 mated Federal cost of \$14,433,000 and an esti-  
17 mated non-Federal cost of \$7,772,000, and at an es-  
18 timated average annual cost of \$1,584,000 for peri-  
19 odic nourishment over the 50-year life of the project,  
20 with an estimated annual Federal cost of  
21 \$1,030,000 and an estimated annual non-Federal  
22 cost of \$554,000.

23 (14) JACKSONVILLE HARBOR, FLORIDA.—

24 (A) IN GENERAL.—The project for naviga-  
25 tion, Jacksonville Harbor, Florida: Report of

1 the Chief of Engineers April 21, 1999, at a  
2 total cost of \$26,116,000, with an estimated  
3 Federal cost of \$9,129,000 and an estimated  
4 non-Federal cost of \$16,987,000.

5 (B) SPECIAL RULE.—Notwithstanding sub-  
6 paragraph (A), the Secretary may construct the  
7 project to a depth of 40 feet if the non-Federal  
8 interest agrees to pay any additional costs  
9 above those for the recommended plan.

10 (15) TAMPA HARBOR-BIG BEND CHANNEL,  
11 FLORIDA.—The project for navigation, Tampa Har-  
12 bor-Big Bend Channel, Florida: Report of the Chief  
13 of Engineers dated October 13, 1998, at a total cost  
14 of \$9,356,000, with an estimated Federal cost of  
15 \$6,235,000 and an estimated non-Federal cost of  
16 \$3,121,000.

17 (16) BRUNSWICK HARBOR, GEORGIA.—The  
18 project for navigation, Brunswick Harbor, Georgia:  
19 Report of the Chief of Engineers dated October 6,  
20 1998, at a total cost of \$50,717,000, with an esti-  
21 mate Federal cost of \$32,966,000 and an estimated  
22 non-Federal cost of \$17,751,000.

23 (17) BEARGRASS CREEK, KENTUCKY.—The  
24 project for flood control, Beargrass Creek, Ken-  
25 tucky: Report of the Chief of Engineers, dated May

1 12, 1998, at a total cost of \$11,171,300, with an es-  
2 timated Federal cost of \$7,261,500 and an esti-  
3 mated non-Federal cost of \$3,909,800.

4 (18) AMITE RIVER AND TRIBUTARIES, LOU-  
5 ISIANA.—The project for flood control, Amite River  
6 and tributaries, Louisiana: Report of the Chief of  
7 Engineers dated December 23, 1996, at a total cost  
8 of \$112,900,000, with an estimated Federal cost of  
9 \$84,675,000 and an estimated non-Federal cost of  
10 \$28,225,000. Cost sharing for the project shall be  
11 determined in accordance with section 103(a) of the  
12 Water Resources Development Act of 1986 (33  
13 U.S.C. 2213), as in effect on October 11, 1996.

14 (19) BALTIMORE HARBOR ANCHORAGES AND  
15 CHANNELS, MARYLAND AND VIRGINIA.—The project  
16 for navigation, Baltimore harbor anchorages and  
17 channels, Maryland and Virginia: Report of the  
18 Chief of Engineers, dated June 8, 1998, at a total  
19 cost of \$28,430,000, with an estimated Federal cost  
20 of \$19,000,000 and an estimated non-Federal cost  
21 of \$9,430,000.

22 (20) RED RIVER LAKE AT CROOKSTON, MIN-  
23 NESOTA.—The project for flood control, Red River  
24 Lake at Crookston, Minnesota: Report of the Chief  
25 of Engineers, dated April 20, 1998, at a total cost



1 of \$8,950,000, with an estimated Federal cost of  
2 \$5,720,000 and an estimated non-Federal cost of  
3 \$3,230,000.

4 (21) TURKEY CREEK BASIN, KANSAS CITY, MIS-  
5 SOURI, AND KANSAS CITY, KANSAS.—The project for  
6 flood damage reduction, Turkey Creek Basin, Kan-  
7 sas City, Missouri, and Kansas City, Kansas: Report  
8 of the Chief of Engineers dated April 21, 1999, at  
9 a total cost of \$42,875,000, with an estimated Fed-  
10 eral cost of \$25,596,000 and an estimated non-Fed-  
11 eral cost of \$17,279,000.

12 (22) LOWER CAPE MAY MEADOWS, CAPE MAY  
13 POINT, NEW JERSEY.—The project for navigation  
14 mitigation, ecosystem restoration, and hurricane and  
15 storm damage reduction, Lower Cape May Meadows,  
16 Cape May Point, New Jersey: Report of the Chief  
17 of Engineers dated April 5, 1999, at a total cost of  
18 \$15,952,000, with an estimated Federal cost of  
19 \$12,118,000 and an estimated non-Federal cost of  
20 \$3,834,000, and at an estimated average annual  
21 cost of \$1,114,000 for periodic nourishment over the  
22 50-year life of the project, with an estimated annual  
23 Federal cost of \$897,000 and an estimated annual  
24 non-Federal cost of \$217,000.

1           (23) NEW JERSEY SHORE PROTECTION: TOWN-  
2       SENDS INLET TO CAPE MAY INLET, NEW JERSEY.—  
3       The project for hurricane and storm damage reduc-  
4       tion and ecosystem restoration, New Jersey Shore  
5       Protection: Townsends Inlet to Cape May Inlet, New  
6       Jersey: Report of the Chief of Engineers dated Sep-  
7       tember 28, 1998, at a total cost of \$56,503,000,  
8       with an estimated Federal cost of \$36,727,000 and  
9       an estimated non-Federal cost of \$19,776,000, and  
10      at an estimated average annual cost of \$2,000,000  
11      for periodic nourishment over the 50-year life of the  
12      project, with an estimated annual Federal cost of  
13      \$1,300,000 and an estimated annual non-Federal  
14      cost of \$700,000.

15           (24) GUANAJIBO RIVER, PUERTO RICO.—The  
16      project for flood control, Guanajibo River, Puerto  
17      Rico: Report of the Chief of Engineers, dated Feb-  
18      ruary 27, 1996, at a total cost of \$27,031,000, with  
19      an estimated Federal cost of \$20,273,250 and an es-  
20      timated non-Federal cost of \$6,757,750. Cost shar-  
21      ing for the project shall be determined in accordance  
22      with section 103(a) of the Water Resources Develop-  
23      ment Act 1986 (33 U.S.C. 2213) as in effect on Oc-  
24      tober 11, 1986.

1           (25) RIO GRANDE DE MANATI, BARCELONETA,  
2           PUERTO RICO.—The project for flood control, Rio  
3           Grande De Manati, Barceloneta, Puerto Rico: Re-  
4           port of the Chief of Engineers, dated January 22,  
5           1999, at a total cost of \$13,491,000, with an esti-  
6           mated Federal cost of \$8,785,000 and an estimated  
7           non-Federal cost of \$4,706,000.

8           (26) RIO NIGUA AT SALINAS, PUERTO RICO.—  
9           The project for flood control, Rio Nigua at Salinas,  
10          Puerto Rico: Report of the Chief of Engineers, dated  
11          April 15, 1997, at a total cost of \$13,702,000, with  
12          an estimated Federal cost of \$7,645,000 and an es-  
13          timated non-Federal cost of \$6,057,000.

14          (27) SALT CREEK, GRAHAM, TEXAS.—The  
15          project for flood control, environmental restoration  
16          and recreation, Salt Creek, Graham, Texas: Report  
17          of the Chief of Engineers dated October 6, 1998, at  
18          a total cost of \$10,080,000, with an estimated Fed-  
19          eral cost of \$6,560,000 and an estimated non-Fed-  
20          eral cost of \$3,520,000.

21          (b) PROJECTS SUBJECT TO REPORT.—The following  
22          projects for water resources development and conservation  
23          and other purposes are authorized to be carried out by  
24          the Secretary substantially in accordance with the plans,  
25          and subject to the conditions, recommended in a final re-

1 port of the Corps of Engineers, if the report is completed  
2 not later than September 30, 1999.

3 (1) NOME, ALASKA.—The project for naviga-  
4 tion, Nome, Alaska, at a total cost of \$24,608,000,  
5 with an estimated Federal cost of \$19,660,000 and  
6 an estimated non-Federal cost of \$4,948,000.

7 (2) SEWARD HARBOR, ALASKA.—The project  
8 for navigation, Seward Harbor, Alaska, at a total  
9 cost of \$12,240,000, with an estimated Federal cost  
10 of \$4,364,000 and an estimated non-Federal cost of  
11 \$7,876,000.

12 (3) HAMILTON AIRFIELD, CALIFORNIA.—The  
13 project for wetlands restoration, Hamilton Airfield,  
14 California, at a total cost of \$55,200,000, with an  
15 estimated Federal cost of \$41,400,000 and an esti-  
16 mated non-Federal cost of \$13,800,000.

17 (4) DELAWARE BAY COASTLINE, DELAWARE  
18 AND NEW JERSEY: OAKWOOD BEACH, NEW JER-  
19 SEY.—The project for shore protection, Delaware  
20 Bay Coastline, Delaware and New Jersey: Oakwood  
21 Beach, New Jersey, at a total cost of \$3,360,000,  
22 with an estimated Federal cost of \$2,184,000 and  
23 an estimated non-Federal cost of \$1,176,000.

24 (5) DELAWARE BAY COASTLINE, DELAWARE  
25 AND NEW JERSEY: REEDS BEACH AND PIERCES

1 POINT, NEW JERSEY.—The project for shore protec-  
2 tion and ecosystem restoration, Delaware Bay Coast-  
3 line, Delaware and New Jersey: Reeds Beach and  
4 Pierces Point, New Jersey, at a total cost of  
5 \$4,057,000, with an estimated Federal cost of  
6 \$2,637,000 and an estimated non-Federal cost of  
7 \$1,420,000.

8 (6) LITTLE TALBOT ISLAND, DUVAL COUNTY,  
9 FLORIDA.—The project for hurricane and storm  
10 damage prevention, Little Talbot Island, Duval  
11 County, Florida, at a total cost of \$5,915,000, with  
12 an estimated Federal cost of \$3,839,000 and an es-  
13 timated non-Federal cost of \$2,076,000.

14 (7) PONCE DE LEON INLET, FLORIDA.—The  
15 project for navigation and related purposes, Ponce  
16 de Leon Inlet, Volusia County, Florida, at a total  
17 cost of \$5,454,000, with an estimated Federal cost  
18 of \$2,988,000 and an estimated non-Federal cost of  
19 \$2,466,000.

20 (8) SAVANNAH HARBOR EXPANSION, GEOR-  
21 GIA.—

22 (A) IN GENERAL.—Subject to subpara-  
23 graph (B), the project for navigation, Savannah  
24 Harbor expansion, Georgia, including imple-  
25 mentation of the mitigation plan, with such

1 modifications as the Secretary deems appro-  
2 priate, at a total cost of \$230,174,000 (of  
3 which amount a portion is authorized for imple-  
4 mentation of the mitigation plan), with an esti-  
5 mated Federal cost of \$145,160,000 and an es-  
6 timated non-Federal cost of \$85,014,000.

7 (B) CONDITIONS.—The project authorized  
8 by subparagraph (A) may be carried out only  
9 after—

10 (i) the Secretary, in consultation with  
11 affected Federal, State of Georgia, State of  
12 South Carolina, regional, and local entities,  
13 has reviewed and approved an environ-  
14 mental impact statement for the project  
15 that includes—

16 (I) an analysis of the impacts of  
17 project depth alternatives ranging  
18 from 42 feet through 48 feet; and

19 (II) a selected plan for navigation  
20 and an associated mitigation plan as  
21 required by section 906(a) of the  
22 Water Resources Development Act of  
23 1986 (33 U.S.C. 2283); and

24 (ii) the Secretary of the Interior, the  
25 Secretary of Commerce, the Administrator

1 of the Environmental Protection Agency,  
2 and the Secretary have approved the se-  
3 lected plan and have determined that the  
4 mitigation plan adequately addresses the  
5 potential environmental impacts of the  
6 project.

7 (C) MITIGATION REQUIREMENTS.—The  
8 mitigation plan shall be implemented in advance  
9 of or concurrently with construction of the  
10 project.

11 (9) DES PLAINES RIVER, ILLINOIS.—The  
12 project for flood control, Des Plaines River, Illinois,  
13 at a total cost of \$44,300,000 with an estimated  
14 Federal cost of \$28,800,000 and an estimated non-  
15 Federal cost of \$15,500,000.

16 (10) NEW JERSEY SHORE PROTECTION, BRIG-  
17 ANTINE INLET TO GREAT EGG HARBOR, BRIGANTINE  
18 ISLAND, NEW JERSEY.—The project for hurricane  
19 and storm damage reduction, New Jersey shore pro-  
20 tection, Brigantine Inlet to Great Egg Harbor, Brig-  
21 antine Island, New Jersey, at a total cost of  
22 \$4,970,000, with an estimated Federal cost of  
23 \$3,230,000 and an estimated non-Federal cost of  
24 \$1,740,000, and at an estimated average annual  
25 cost of \$465,000 for periodic nourishment over the

1 50-year life of the project, with an estimated annual  
2 Federal cost of \$302,000 and an estimated annual  
3 non-Federal cost of \$163,000.

4 (11) COLUMBIA RIVER CHANNEL, OREGON AND  
5 WASHINGTON.—The project for navigation, Colum-  
6 bia River Channel, Oregon and Washington, at a  
7 total cost of \$183,623,000 with an estimated Fed-  
8 eral cost \$106,132,000 and an estimated non-Fed-  
9 eral cost of \$77,491,000.

10 (12) JOHNSON CREEK, ARLINGTON, TEXAS.—  
11 The locally preferred project for flood control, John-  
12 son Creek, Arlington, Texas, at a total cost of  
13 \$20,300,000, with an estimated Federal cost of  
14 \$12,000,000 and an estimated non-Federal cost of  
15 \$8,300,000.

16 (13) HOWARD HANSON DAM, WASHINGTON.—  
17 The project for water supply and ecosystem restora-  
18 tion, Howard Hanson Dam, Washington, at a total  
19 cost of \$75,600,000, with an estimated Federal cost  
20 of \$36,900,000 and an estimated non-Federal cost  
21 of \$38,700,000.

22 **SEC. 102. SMALL FLOOD CONTROL PROJECTS.**

23 (a) IN GENERAL.—The Secretary shall conduct a  
24 study for each of the following projects and, after comple-  
25 tion of such study, shall carry out the project under sec-



tion 205 of the Flood Control Act of 1948 (33 U.S.C.  
701s):

(1) LANCASTER, CALIFORNIA.—Project for  
flood control, Lancaster, California, westside  
stormwater retention facility.

(2) GATEWAY TRIANGLE AREA, FLORIDA.—  
Project for flood control, Gateway Triangle area,  
Collier County, Florida.

(3) PLANT CITY, FLORIDA.—Project for flood  
control, Plant City, Florida.

(4) STONE ISLAND, LAKE MONROE, FLORIDA.—  
Project for flood control, Stone Island, Lake Mon-  
roe, Florida.

(5) OHIO RIVER, ILLINOIS.—Project for flood  
control, Ohio River, Illinois.

(6) REPAUPO CREEK, NEW JERSEY.—Project  
for flood control, Repaupo Creek, New Jersey.

(7) OWASCO LAKE SEAWALL, NEW YORK.—  
Project for flood control, Owasco Lake seawall, New  
York.

(8) PORT CLINTON, OHIO.—Project for flood  
control, Port Clinton, Ohio.

(9) NORTH CANADIAN RIVER, OKLAHOMA.—  
Project for flood control, North Canadian River,  
Oklahoma.

1           (10) ABINGTON TOWNSHIP, PENNSYLVANIA.—  
2       Project for flood control, Baeder and Wanamaker  
3       Roads, Abington Township, Pennsylvania.

4           (11) PORT INDIAN, WEST NORRITON TOWNSHIP,  
5       MONTGOMERY COUNTY, PENNSYLVANIA.—Project for  
6       flood control, Port Indian, West Norriton Township,  
7       Montgomery County, Pennsylvania.

8           (12) PORT PROVIDENCE, UPPER PROVIDENCE  
9       TOWNSHIP, PENNSYLVANIA.—Project for flood con-  
10      trol, Port Providence, Upper Providence Township,  
11      Pennsylvania.

12          (13) SPRINGFIELD TOWNSHIP, MONTGOMERY  
13      COUNTY, PENNSYLVANIA.—Project for flood control,  
14      Springfield Township, Montgomery County, Pennsyl-  
15      vania.

16          (14) FIRST CREEK, KNOXVILLE, TENNESSEE.—  
17      Project for flood control, First Creek, Knoxville,  
18      Tennessee.

19          (15) METRO CENTER LEVEE, CUMBERLAND  
20      RIVER, NASHVILLE, TENNESSEE.—Project for flood  
21      control, Metro Center Levee, Cumberland River,  
22      Nashville, Tennessee.

23      (b) FESTUS AND CRYSTAL CITY, MISSOURI.—

24          (1) MAXIMUM FEDERAL EXPENDITURE.—The  
25      maximum amount of Federal funds that may be ex-

1       pended for the project for flood control, Festus and  
2       Crystal City, Missouri, shall be \$10,000,000.

3           (2) REVISION OF PROJECT COOPERATION  
4       AGREEMENT.—The Secretary shall revise the project  
5       cooperation agreement for the project referred to in  
6       paragraph (1) to take into account the change in the  
7       Federal participation in such project pursuant to  
8       paragraph (1).

9           (3) COST SHARING.—Nothing in this section  
10      shall be construed to affect any cost-sharing require-  
11      ment applicable to the project referred to in para-  
12      graph (1) under the Water Resources Development  
13      Act of 1986.

14   **SEC. 103. SMALL BANK STABILIZATION PROJECTS.**

15      The Secretary shall conduct a study for each of the  
16      following projects and, after completion of such study,  
17      shall carry out the project under section 14 of the Flood  
18      Control Act of 1946 (33 U.S.C. 701r):

19           (1) SAINT JOSEPH RIVER, INDIANA.—Project  
20      for streambank erosion control, Saint Joseph River,  
21      Indiana.

22           (2) SAGINAW RIVER, BAY CITY, MICHIGAN.—  
23      Project for streambank erosion control, Saginaw  
24      River, Bay City, Michigan.

1           (3) BIG TIMBER CREEK, NEW JERSEY.—Project  
2       for streambank erosion control, Big Timber Creek,  
3       New Jersey.

4           (4) LAKE SHORE ROAD, ATHOL SPRINGS, NEW  
5       YORK.—Project for streambank erosion control,  
6       Lake Shore Road, Athol Springs, New York.

7           (5) MARIST COLLEGE, POUGHKEEPSIE, NEW  
8       YORK.—Project for streambank erosion control,  
9       Marist College, Poughkeepsie, New York.

10          (6) MONROE COUNTY, OHIO.—Project for  
11       streambank erosion control, Monroe County, Ohio.

12          (7) GREEN VALLEY, WEST VIRGINIA.—Project  
13       for streambank erosion control, Green Valley, West  
14       Virginia.

15   **SEC. 104. SMALL NAVIGATION PROJECTS.**

16       The Secretary shall conduct a study for each of the  
17       following projects and, after completion of such study,  
18       shall carry out the project under section 107 of the River  
19       and Harbor Act of 1960 (33 U.S.C. 577):

20          (1) GRAND MARAIS, ARKANSAS.—Project for  
21       navigation, Grand Marais, Arkansas.

22          (2) FIELDS LANDING CHANNEL, HUMBOLDT  
23       HARBOR, CALIFORNIA.—Project for navigation,  
24       Fields Landing Channel, Humboldt Harbor, Cali-  
25       fornia.

1           (3) SAN MATEO (PILLAR POINT HARBOR), CALI-  
2           FORNIA.—Project for navigation San Mateo (Pillar  
3           Point Harbor), California.

4           (4) AGANA MARINA, GUAM.—Project for naviga-  
5           tion, Agana Marina, Guam.

6           (5) AGAT MARINA, GUAM.—Project for naviga-  
7           tion, Agat Marina, Guam.

8           (6) APRA HARBOR FUEL PIERS, GUAM.—Project  
9           for navigation, Apra Harbor Fuel Piers, Guam.

10          (7) APRA HARBOR PIER F-6, GUAM.—Project  
11          for navigation, Apra Harbor Pier F-6, Guam.

12          (8) APRA HARBOR SEAWALL, GUAM.—Project  
13          for navigation including a seawall, Apra Harbor,  
14          Guam.

15          (9) GUAM HARBOR, GUAM.—Project for naviga-  
16          tion, Guam Harbor, Guam.

17          (10) ILLINOIS RIVER NEAR CHAUTAUQUA PARK,  
18          ILLINOIS.—Project for navigation, Illinois River near  
19          Chautauqua Park, Illinois.

20          (11) WHITING SHORELINE WATERFRONT,  
21          WHITING, INDIANA.—Project for navigation, Whiting  
22          Shoreline Waterfront, Whiting, Indiana.

23          (12) NARAGUAGUS RIVER, MACHIAS, MAINE.—  
24          Project for navigation, Naraguagus River, Machias,  
25          Maine.

1           (13) UNION RIVER, ELLSWORTH, MAINE.—  
2       Project for navigation, Union River, Ellsworth,  
3       Maine.

4           (14) DETROIT WATERFRONT, MICHIGAN.—  
5       Project for navigation, Detroit River, Michigan, in-  
6       cluding dredging and removal of a reef.

7           (15) FORTESCUE INLET, DELAWARE BAY, NEW  
8       JERSEY.—Project for navigation for Fortescue Inlet,  
9       Delaware Bay, New Jersey.

10          (16) BUFFALO AND LASALLE PARK, NEW  
11       YORK.—Project for navigation, Buffalo and LaSalle  
12       Park, New York.

13          (17) STURGEON POINT, NEW YORK.—Project  
14       for navigation, Sturgeon Point, New York.

15          (18) FAIRPORT HARBOR, OHIO.—Project for  
16       navigation, Fairport Harbor, Ohio, including a  
17       recreation channel.

18 **SEC. 105. SMALL PROJECTS FOR IMPROVEMENT OF THE**  
19 **ENVIRONMENT.**

20       (a) IN GENERAL.—The Secretary shall conduct a  
21       study for each of the following projects and, after comple-  
22       tion of such study, shall carry out the project under sec-  
23       tion 1135 of the Water Resources Development Act of  
24       1986 (33 U.S.C. 2309a):

1           (1) ILLINOIS RIVER IN THE VICINITY OF HA-  
 2           VANA, ILLINOIS.—Project for the improvement of  
 3           the environment, Illinois River in the vicinity of Ha-  
 4           vana, Illinois.

5           (2) KNITTING MILL CREEK, VIRGINIA.—Project  
 6           for the improvement of the environment, Knitting  
 7           Mill Creek, Virginia.

8           (b) PINE FLAT DAM, KINGS RIVER, CALIFORNIA.—  
 9           The Secretary shall carry out under section 1135(a) of  
 10          the Water Resources Development Act of 1986 (33 U.S.C.  
 11          2309a(a)) a project to construct a turbine bypass at Pine  
 12          Flat Dam, Kings River, California, in accordance with the  
 13          Project Modification Report and Environmental Assess-  
 14          ment dated September 1996.

15   **SEC. 106. SMALL AQUATIC ECOSYSTEM RESTORATION**  
 16                           **PROJECTS.**

17          The Secretary shall conduct a study for each of the  
 18          following projects and, after completion of such study,  
 19          shall carry out the project under section 206 of the Water  
 20          Resources Development Act of 1996 (33 U.S.C. 2330):

21               (1) CONTRA COSTA COUNTY, BAY DELTA, CALI-  
 22               FORNIA.—Project for aquatic ecosystem restoration,  
 23               Contra Costa County, Bay Delta, California.

1           (2) INDIAN RIVER, FLORIDA.—Project for  
2       aquatic ecosystem restoration and lagoon restora-  
3       tion, Indian River, Florida.

4           (3) LITTLE WEKIVA RIVER, FLORIDA.—Project  
5       for aquatic ecosystem restoration and erosion con-  
6       trol, Little Wekiva River, Florida.

7           (4) COOK COUNTY, ILLINOIS.—Project for  
8       aquatic ecosystem restoration and lagoon restoration  
9       and protection, Cook County, Illinois.

10          (5) GRAND BATTURE ISLAND, MISSISSIPPI.—  
11       Project for aquatic ecosystem restoration, Grand  
12       Batture Island, Mississippi.

13          (6) HANCOCK, HARRISON, AND JACKSON COUN-  
14       TIES, MISSISSIPPI.—Project for aquatic ecosystem  
15       restoration and reef restoration along the Gulf  
16       Coast, Hancock, Harrison, and Jackson Counties,  
17       Mississippi.

18          (7) MISSISSIPPI RIVER AND RIVER DES PERES,  
19       ST. LOUIS, MISSOURI.—Project for aquatic ecosystem  
20       restoration and recreation, Mississippi River and  
21       River Des Peres, St. Louis, Missouri.

22          (8) HUDSON RIVER, NEW YORK.—Project for  
23       aquatic ecosystem restoration, Hudson River, New  
24       York.



1           (9) ONEIDA LAKE, NEW YORK.—Project for  
2       aquatic ecosystem restoration, Oneida Lake, Oneida  
3       County, New York.

4           (10) OTSEGO LAKE, NEW YORK.—Project for  
5       aquatic ecosystem restoration, Otsego Lake, Otsego  
6       County, New York.

7           (11) NORTH FORK OF YELLOW CREEK, OHIO.—  
8       Project for aquatic ecosystem restoration, North  
9       Fork of Yellow Creek, Ohio.

10          (12) WHEELING CREEK WATERSHED, OHIO.—  
11       Project for aquatic ecosystem restoration, Wheeling  
12       Creek watershed, Ohio.

13          (13) SPRINGFIELD MILLRACE, OREGON.—  
14       Project for aquatic ecosystem restoration, Spring-  
15       field Millrace, Oregon.

16          (14) UPPER AMAZON CREEK, OREGON.—Project  
17       for aquatic ecosystem restoration, Upper Amazon  
18       Creek, Oregon.

19          (15) LAKE ONTELAUNEE RESERVOIR, BERKS  
20       COUNTY, PENNSYLVANIA.—Project for aquatic eco-  
21       system restoration and distilling pond facilities,  
22       Lake Ontelaunee Reservoir, Berks County, Pennsyl-  
23       vania.

24          (16) BLACKSTONE RIVER BASIN, RHODE IS-  
25       LAND AND MASSACHUSETTS.—Project for aquatic

1 ecosystem restoration and fish passage facilities,  
2 Blackstone River Basin, Rhode Island and Massa-  
3 chusetts.

## 4 **TITLE II—GENERAL PROVISIONS**

### 5 **SEC. 201. SMALL FLOOD CONTROL AUTHORITY.**

6 Section 205 of the Flood Control Act of 1948 (33  
7 U.S.C. 701s) is amended—

8 (1) by striking “construction of small projects”  
9 and inserting “implementation of small structural  
10 and nonstructural projects”; and

11 (2) by striking “\$5,000,000” and inserting  
12 “\$7,000,000”.

### 13 **SEC. 202. USE OF NON-FEDERAL FUNDS FOR COMPILING** 14 **AND DISSEMINATING INFORMATION ON** 15 **FLOODS AND FLOOD DAMAGES.**

16 The last sentence of section 206(b) of the Flood Con-  
17 trol Act of 1960 (33 U.S.C. 709a(b)) is amended by in-  
18 serting before the period the following: “; except that this  
19 limitation on fees shall not apply to funds voluntarily con-  
20 tributed by such entities for the purpose of expanding the  
21 scope of the services requested by such entities”.

1 **SEC. 203. CONTRIBUTIONS BY STATES AND POLITICAL SUB-**  
2 **DIVISIONS.**

3 Section 5 of the Flood Control Act of June 22, 1936  
4 (33 U.S.C. 701h), is amended by inserting “or environ-  
5 mental restoration” after “flood control”.

6 **SEC. 204. SEDIMENT DECONTAMINATION TECHNOLOGY.**

7 Section 405 of the Water Resources Development Act  
8 of 1992 (33 U.S.C. 2239 note; 106 Stat. 4863) is  
9 amended—

10 (1) by adding at the end of subsection (a) the  
11 following:

12 “(4) PRACTICAL END-USE PRODUCTS.—Tech-  
13 nologies selected for demonstration at the pilot scale  
14 shall be intended to result in practical end-use prod-  
15 ucts.

16 “(5) ASSISTANCE BY THE SECRETARY.—The  
17 Secretary shall assist the project to ensure expedi-  
18 tious completion by providing sufficient quantities of  
19 contaminated dredged material to conduct the full-  
20 scale demonstrations to stated capacity.”;

21 (2) in subsection (c) by striking the first sen-  
22 tence and inserting the following: “There is author-  
23 ized to be appropriated to carry out this section  
24 \$22,000,000 to complete technology testing, tech-  
25 nology commercialization, and the development of

1 full scale processing facilities within the New York/  
2 New Jersey Harbor.”; and

3 (3) by adding at the end the following:

4 “(e) SUPPORT.—In carrying out the program under  
5 this section, the Secretary is encouraged to utilize con-  
6 tracts, cooperative agreements, and grants with colleges  
7 and universities and other non-Federal entities.”.

8 **SEC. 205. CONTROL OF AQUATIC PLANTS.**

9 Section 104 of the River and Harbor Act of 1958  
10 (33 U.S.C. 610) is amended—

11 (1) in subsection (a) by inserting “arundo,”  
12 after “milfoil,”;

13 (2) in subsection (b) by striking “\$12,000,000”  
14 and inserting “\$15,000,000.”; and

15 (3) by adding at the end the following:

16 “(c) SUPPORT.—In carrying out this program, the  
17 Secretary is encouraged to utilize contracts, cooperative  
18 agreements, and grants with colleges and universities and  
19 other non-Federal entities.”.

20 **SEC. 206. USE OF CONTINUING CONTRACTS REQUIRED FOR**  
21 **CONSTRUCTION OF CERTAIN PROJECTS.**

22 (a) IN GENERAL.—Notwithstanding any other provi-  
23 sion of law, the Secretary shall not implement a fully allo-  
24 cated funding policy with respect to a water resources  
25 project if initiation of construction has occurred but suffi-

1 cient funds are not available to complete the project. The  
 2 Secretary shall enter into continuing contracts for such  
 3 project.

4 (b) INITIATION OF CONSTRUCTION CLARIFIED.—For  
 5 the purposes of this section, initiation of construction for  
 6 a project occurs on the date of the enactment of an Act  
 7 that appropriates funds for the project from one of the  
 8 following appropriation accounts:

9 (1) Construction, General.

10 (2) Operation and Maintenance, General.

11 (3) Flood Control, Mississippi River and Tribu-  
 12 taries.

13 **SEC. 207. SUPPORT OF ARMY CIVIL WORKS PROGRAM.**

14 The requirements of section 2361 of title 10, United  
 15 States Code, shall not apply to any contract, cooperative  
 16 research and development agreement, cooperative agree-  
 17 ment, or grant entered into under section 229 of the  
 18 Water Resources Development Act of 1996 (110 Stat.  
 19 3703) between the Secretary and Marshall University or  
 20 entered into under section 350 of this Act between the  
 21 Secretary and Juniata College.

22 **SEC. 208. WATER RESOURCES DEVELOPMENT STUDIES FOR**  
 23 **THE PACIFIC REGION.**

24 Section 444 of the Water Resources Development Act  
 25 of 1996 (110 Stat. 3747) is amended by striking “interest

1 of navigation” and inserting “interests of water resources  
 2 development, including navigation, flood damage reduc-  
 3 tion, and environmental restoration”.

4 **SEC. 209. EVERGLADES AND SOUTH FLORIDA ECOSYSTEM**  
 5 **RESTORATION.**

6 (a) PROGRAM EXTENSION.—Section 528(b)(3) of the  
 7 Water Resources Development Act of 1996 (110 Stat.  
 8 3769) is amended—

9 (1) in subparagraph (B) by striking “1999”  
 10 and inserting “2000”; and

11 (2) in subparagraph (C)(i) by striking “1999”  
 12 and inserting “2003”.

13 (b) CREDIT.—Section 528(b)(3) of such Act is  
 14 amended by adding at the end the following:

15 “(D) CREDIT OF PAST AND FUTURE AC-  
 16 TIVITIES.—The Secretary may provide a credit  
 17 to the non-Federal interests toward the non-  
 18 Federal share of a project implemented under  
 19 subparagraph (A). The credit shall be for rea-  
 20 sonable costs of work performed by the non-  
 21 Federal interests if the Secretary determines  
 22 that the work substantially expedited comple-  
 23 tion of the project and is compatible with and  
 24 an integral part of the project, and the credit

1 is provided pursuant to a specific project co-  
2 operation agreement.”.

3 (c) CALOOSAATCHEE RIVER BASIN, FLORIDA.—  
4 Section 528(e)(4) of such Act is amended by inserting be-  
5 fore the period at the end of the first sentence the fol-  
6 lowing: “if the Secretary determines that such land acqui-  
7 sition is compatible with and an integral component of the  
8 Everglades and South Florida ecosystem restoration, in-  
9 cluding potential land acquisition in the Caloosahatchee  
10 River basin or other areas”.

11 **SEC. 210. BENEFICIAL USES OF DREDGED MATERIAL.**

12 Section 204 of the Water Resources Development Act  
13 of 1992 (106 Stat. 4826–4827) is amended—

14 (1) in subsection (c) by striking “cooperative  
15 agreement in accordance with the requirements of  
16 section 221 of the Flood Control Act of 1970” and  
17 inserting “binding agreement with the Secretary”;  
18 and

19 (2) by adding at the end the following:

20 “(g) NON-FEDERAL INTERESTS.—Notwithstanding  
21 section 221(b) of the Flood Control Act of 1968 (42  
22 U.S.C. 1962d–5b(b)), the Secretary, after coordination  
23 with the appropriate State and local government officials  
24 having jurisdiction over an area in which a project under

1 this section will be carried out, may allow a nonprofit enti-  
 2 ty to serve as the non-Federal interest for the project.”.

3 **SEC. 211. HARBOR COST SHARING.**

4 (a) IN GENERAL.—Sections 101 and 214 of the  
 5 Water Resources Development Act of 1986 (33 U.S.C.  
 6 2211 and 2241; Public Law 99–662) are amended by  
 7 striking “45 feet” each place it appears and inserting “53  
 8 feet”.

9 (b) APPLICABILITY.—The amendments made by sub-  
 10 section (a) shall only apply to a project, or separable ele-  
 11 ment thereof, on which a contract for physical construc-  
 12 tion has not been awarded before the date of the enact-  
 13 ment of this Act.

14 **SEC. 212. AQUATIC ECOSYSTEM RESTORATION.**

15 Section 206 of the Water Resources Development Act  
 16 of 1996 (110 Stat. 3679–3680) is amended—

17 (1) by adding at the end of subsection (b) the  
 18 following: “Before October 1, 2003, the Federal  
 19 share may be provided in the form of grants or re-  
 20 imbursements of project costs.”; and

21 (2) by adding at the end of subsection (c) the  
 22 following: “Notwithstanding section 221(b) of the  
 23 Flood Control Act of 1970 (42 U.S.C. 1962d–  
 24 5b(b)), the Secretary, after coordination with the ap-  
 25 propriate State and local government officials having



1 jurisdiction over an area in which a project under  
 2 this section will be carried out, may allow a non-  
 3 profit entity to serve as the non-Federal interest for  
 4 the project.”.

5 **SEC. 213. WATERSHED MANAGEMENT, RESTORATION, AND**  
 6 **DEVELOPMENT.**

7 (a) NONPROFIT ENTITY AS NON-FEDERAL INTER-  
 8 EST.—Section 503(a) of the Water Resources Develop-  
 9 ment Act of 1996 (110 Stat. 3756) is amended by adding  
 10 at the end the following: “Notwithstanding section 221(b)  
 11 of the Flood Control Act of 1970 (42 U.S.C. 1962d–  
 12 5b(b)), the Secretary, after coordination with the appro-  
 13 priate State and local government officials having jurisdic-  
 14 tion over an area in which a project under this section  
 15 will be carried out, may allow a nonprofit entity to serve  
 16 as the non-Federal interest for the project.”.

17 (b) PROJECT LOCATIONS.—Section 503(d) of such  
 18 Act is amended—

19 (1) in paragraph (7) by inserting before the pe-  
 20 riod at the end “, including Clear Lake”; and

21 (2) by adding at the end the following:

22 “(14) Fresno Slough watershed, California.

23 “(15) Hayward Marsh, Southern San Francisco  
 24 Bay watershed, California.

25 “(16) Kaweah River watershed, California.

1 “(17) Malibu Creek watershed, California.

2 “(18) Illinois River watershed, Illinois.

3 “(19) Catawba River watershed, North Caro-  
4 lina.

5 “(20) Cabin Creek basin, West Virginia.

6 “(21) Lower St. Johns River basin, Florida.”.

7 **SEC. 214. FLOOD MITIGATION AND RIVERINE RESTORA-**  
8 **TION PILOT PROGRAM.**

9 (a) IN GENERAL.—The Secretary may undertake a  
10 program for the purpose of conducting projects that re-  
11 duce flood hazards and restore the natural functions and  
12 values of rivers throughout the United States.

13 (b) STUDIES AND PROJECTS.—

14 (1) AUTHORITY.—In carrying out the program,  
15 the Secretary may conduct studies to identify appro-  
16 priate flood damage reduction, conservation, and  
17 restoration measures and may design and implement  
18 projects described in subsection (a).

19 (2) CONSULTATION AND COORDINATION.—The  
20 studies and projects carried out under this section  
21 shall be conducted, to the maximum extent prac-  
22 ticable, in consultation and coordination with the  
23 Federal Emergency Management Agency and other  
24 appropriate Federal agencies, and in consultation

1 and coordination with appropriate State, tribal, and  
2 local agencies.

3 (3) NONSTRUCTURAL APPROACHES.—The stud-  
4 ies and projects shall emphasize, to the maximum  
5 extent practicable and appropriate, nonstructural ap-  
6 proaches to preventing or reducing flood damages.

7 (4) USE OF STATE, TRIBAL, AND LOCAL STUD-  
8 IES AND PROJECTS.—The studies and projects shall  
9 include consideration of and coordination with any  
10 State, tribal, and local flood damage reduction or  
11 riverine and wetland restoration studies and projects  
12 that conserve, restore, and manage hydrologic and  
13 hydraulic regimes and restore the natural functions  
14 and values of floodplains.

15 (c) COST-SHARING REQUIREMENTS.—

16 (1) STUDIES.—Studies conducted under this  
17 section shall be subject to cost sharing in accordance  
18 with section 105 of the Water Resources Develop-  
19 ment Act of 1986 (33 U.S.C. 2215).

20 (2) ENVIRONMENTAL RESTORATION AND NON-  
21 STRUCTURAL FLOOD CONTROL PROJECTS.—The  
22 non-Federal interests shall pay 35 percent of the  
23 cost of any environmental restoration or non-  
24 structural flood control project carried out under  
25 this section. The non-Federal interests shall provide

1 all land, easements, rights-of-way, dredged material  
2 disposal areas, and relocations necessary for such  
3 projects. The value of such land, easements, rights-  
4 of-way, dredged material disposal areas, and reloca-  
5 tions shall be credited toward the payment required  
6 under this paragraph.

7 (3) STRUCTURAL FLOOD CONTROL  
8 PROJECTS.—Any structural flood control measures  
9 carried out under this section shall be subject to cost  
10 sharing in accordance with section 103(a) of the  
11 Water Resources Development Act of 1986 (33  
12 U.S.C. 2213(a)).

13 (4) OPERATION AND MAINTENANCE.—The non-  
14 Federal interests shall be responsible for all costs as-  
15 sociated with operating, maintaining, replacing, re-  
16 pairing, and rehabilitating all projects carried out  
17 under this section.

18 (d) PROJECT JUSTIFICATION.—

19 (1) IN GENERAL.—Notwithstanding any other  
20 provision of law or requirement for economic jus-  
21 tification established pursuant to section 209 of the  
22 Flood Control Act of 1970 (42 U.S.C. 1962–2), the  
23 Secretary may implement a project under this sec-  
24 tion if the Secretary determines that the project—

1 (A) will significantly reduce potential flood  
2 damages;

3 (B) will improve the quality of the environ-  
4 ment; and

5 (C) is justified considering all costs and  
6 beneficial outputs of the project.

7 (2) ESTABLISHMENT OF SELECTION AND RAT-  
8 ING CRITERIA AND POLICIES.—Not later than 180  
9 days after the date of the enactment of this section,  
10 the Secretary, in cooperation with State, tribal, and  
11 local agencies, shall develop, and transmit to the  
12 Committee on Transportation and Infrastructure of  
13 the House of Representatives and the Committee on  
14 Environment and Public Works of the Senate, cri-  
15 teria for selecting and rating projects to be carried  
16 out under this section and shall establish policies  
17 and procedures for carrying out the studies and  
18 projects undertaken under this section. Such criteria  
19 shall include, as a priority, the extent to which the  
20 appropriate State government supports the project.

21 (e) PRIORITY AREAS.—In carrying out this section,  
22 the Secretary shall examine the potential for flood damage  
23 reductions at appropriate locations, including the fol-  
24 lowing:

25 (1) Upper Delaware River, New York.

1 (2) Willamette River floodplain, Oregon.

2 (3) Pima County, Arizona, at Paseo De Las  
3 Iglesias and Rillito River.

4 (4) Los Angeles and San Gabriel Rivers, Cali-  
5 fornia.

6 (5) Murrieta Creek, California.

7 (6) Napa County, California, at Yountville, St.  
8 Helena, Calistoga, and American Canyon.

9 (7) Santa Clara basin, California, at Upper  
10 Guadalupe River and tributaries, San Francisquito  
11 Creek, and Upper Penitencia Creek.

12 (8) Pine Mount Creek, New Jersey.

13 (9) Chagrin River, Ohio.

14 (10) Blair County, Pennsylvania, at Altoona  
15 and Frankstown Township.

16 (11) Lincoln Creek, Wisconsin.

17 (f) PROGRAM REVIEW.—

18 (1) IN GENERAL.—The program established  
19 under this section shall be subject to an independent  
20 review to evaluate the efficacy of the program in  
21 achieving the dual goals of flood hazard mitigation  
22 and riverine restoration.

23 (2) REPORT.—Not later than April 15, 2003,  
24 the Secretary shall transmit to the Committee on  
25 Transportation and Infrastructure of the House of

1 Representatives and the Committee on Environment  
2 and Public Works of the Senate a report on the  
3 findings of the review conducted under this sub-  
4 section with any recommendations concerning con-  
5 tinuation of the program.

6 (g) COST LIMITATIONS.—

7 (1) MAXIMUM FEDERAL COST PER PROJECT.—

8 No more than \$30,000,000 may be expended by the  
9 United States on any single project under this sec-  
10 tion.

11 (2) COMMITTEE RESOLUTION PROCEDURE.—

12 (A) LIMITATION ON APPROPRIATIONS.—No  
13 appropriation shall be made to construct any  
14 project under this section the total Federal cost  
15 of construction of which exceeds \$15,000,000 if  
16 the project has not been approved by resolu-  
17 tions adopted by the Committee on Transpor-  
18 tation and Infrastructure of the House of Rep-  
19 resentatives and the Committee on Environ-  
20 ment and Public Works of the Senate.

21 (B) REPORT.—For the purpose of securing  
22 consideration of approval under this paragraph,  
23 the Secretary shall transmit a report on the  
24 proposed project, including all relevant data  
25 and information on all costs.

1 (h) AUTHORIZATION OF APPROPRIATIONS.—There is  
2 authorized to be appropriated to carry out this section—

3 (1) \$25,000,000 for fiscal year 2000;

4 (2) \$25,000,000 for fiscal year 2001 if  
5 \$12,500,000 or more is appropriated to carry out  
6 subsection (e) for fiscal year 2000;

7 (3) \$25,000,000 for fiscal year 2002 if  
8 \$12,500,000 or more is appropriated to carry out  
9 subsection (e) for fiscal year 2001; and

10 (4) \$25,000,000 for fiscal year 2003 if  
11 \$12,500,000 or more is appropriated to carry out  
12 subsection (e) for fiscal year 2002.

13 **SEC. 215. SHORELINE MANAGEMENT PROGRAM.**

14 (a) REVIEW.—The Secretary shall review the imple-  
15 mentation of the Corps of Engineers' shoreline manage-  
16 ment program, with particular attention to inconsistencies  
17 in implementation among the divisions and districts of the  
18 Corps of Engineers and complaints by or potential inequi-  
19 ties regarding property owners in the Savannah District  
20 including an accounting of the number and disposition of  
21 complaints over the last 5 years in the District.

22 (b) REPORT.—As expeditiously as practicable after  
23 the date of the enactment of this Act, the Secretary shall  
24 transmit to the Committee on Transportation and Infra-  
25 structure of the House of Representatives and the Com-



1 mittee on Environment and Public Works of the Senate  
2 a report describing the results of the review conducted  
3 under subsection (a).

4 **SEC. 216. ASSISTANCE FOR REMEDIATION, RESTORATION,**  
5 **AND REUSE.**

6 (a) IN GENERAL.—The Secretary may provide to  
7 State and local governments assessment, planning, and  
8 design assistance for remediation, environmental restora-  
9 tion, or reuse of areas located within the boundaries of  
10 such State or local governments where such remediation,  
11 environmental restoration, or reuse will contribute to the  
12 conservation of water and related resources of drainage  
13 basins and watersheds within the United States.

14 (b) BENEFICIAL USE OF DREDGED MATERIAL.—In  
15 providing assistance under subsection (a), the Secretary  
16 shall encourage the beneficial use of dredged material,  
17 consistent with the findings of the Secretary under section  
18 204 of the Water Resources Development Act of 1992 (33  
19 U.S.C. 2326).

20 (c) NON-FEDERAL SHARE.—The non-Federal share  
21 of the cost of assistance provided under subsection (a)  
22 shall be 50 percent.

23 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
24 authorized to be appropriated to carry out this section  
25 \$3,000,000 for each of fiscal years 2000 through 2004.

1   **SEC. 217. SHORE DAMAGE MITIGATION.**

2           (a) IN GENERAL.—Section 111 of the River and Har-  
3   bor Act of 1968 (33 U.S.C. 426i; 100 Stat. 4199) is  
4   amended by inserting after “navigation works” the fol-  
5   lowing: “and shore damages attributable to the Atlantic  
6   Intracoastal Waterway and the Gulf Intracoastal Water-  
7   way”.

8           (b) PALM BEACH COUNTY, FLORIDA.—The project  
9   for navigation, Palm Beach County, Florida, authorized  
10  by section 2 of the River and Harbor Act of March 2,  
11  1945 (59 Stat. 11), is modified to authorize the Secretary  
12  to undertake beach nourishment as a dredged material  
13  disposal option under the project.

14          (c) GALVESTON COUNTY, TEXAS.—The Secretary  
15  may place dredged material from the Gulf Intracoastal  
16  Waterway on the beaches along Rollover Pass, Galveston  
17  County, Texas, to stabilize beach erosion.

18   **SEC. 218. SHORE PROTECTION.**

19          (a) NON-FEDERAL SHARE OF PERIODIC NOURISH-  
20  MENT.—Section 103(d) of the Water Resources Develop-  
21  ment Act of 1986 (100 Stat. 4085–5086) is amended—

22               (1) by inserting “(1) CONSTRUCTION.—” before  
23               “Costs of constructing”;

24               (2) by inserting at the end the following:

25               “(2) PERIODIC NOURISHMENT.—

1           “(A) IN GENERAL.—Subject to subpara-  
2 graph (B), the non-Federal share of costs of  
3 periodic nourishment measures for shore protec-  
4 tion or beach erosion control that are carried  
5 out—

6                   “(i) after January 1, 2001, shall be  
7 40 percent;

8                   “(ii) after January 1, 2002, shall be  
9 45 percent; and

10                  “(iii) after January 1, 2003, shall be  
11 50 percent;

12           “(B) BENEFITS TO PRIVATELY OWNED  
13 SHORES.—All costs assigned to benefits of peri-  
14 odic nourishment measures to privately owned  
15 shores (where use of such shores is limited to  
16 private interests) or to prevention of losses of  
17 private lands shall be borne by the non-Federal  
18 interest and all costs assigned to the protection  
19 of federally owned shores for such measures  
20 shall be borne by the United States.”; and

21           (C) by indenting paragraph (1) (as des-  
22 ignated by subparagraph (A) of this paragraph)  
23 and aligning such paragraph with paragraph  
24 (2) (as added by subparagraph (B) of this  
25 paragraph).

1       (b) UTILIZATION OF SAND FROM OUTER CONTI-  
2 NENTAL SHELF.—Section 8(k)(2)(B) of the Outer Conti-  
3 nental Shelf Lands Act (43 U.S.C. 1337(k)(2)(B)) is  
4 amended by striking “an agency of the Federal Govern-  
5 ment” and inserting “a Federal, State, or local govern-  
6 ment agency”.

7       (c) REPORT ON NATION’S SHORELINES.—

8           (1) IN GENERAL.—Not later than 3 years after  
9 the date of the enactment of this Act, the Secretary  
10 shall report to Congress on the state of the Nation’s  
11 shorelines.

12          (2) CONTENTS.—The report shall include—

13           (A) a description of the extent of, and eco-  
14 nomic and environmental effects caused by, ero-  
15 sion and accretion along the Nation’s shores  
16 and the causes thereof;

17           (B) a description of resources committed  
18 by local, State, and Federal governments to re-  
19 store and renourish shorelines;

20           (C) a description of the systematic move-  
21 ment of sand along the Nation’s shores; and

22           (D) recommendations regarding (i) appro-  
23 priate levels of Federal and non-Federal partici-  
24 pation in shoreline protection, and (ii) utiliza-

1           tion of a systems approach to sand manage-  
2           ment.

3           (3) UTILIZATION OF SPECIFIC LOCATION  
4           DATA.—In developing the report, the Secretary shall  
5           utilize data from specific locations on the Atlantic,  
6           Pacific, Great Lakes, and Gulf of Mexico coasts.

7           (d) NATIONAL COASTAL DATA BANK.—

8           (1) ESTABLISHMENT OF DATA BANK.—Not  
9           later than 2 years after the date of the enactment  
10          of this Act, the Secretary shall establish a national  
11          coastal data bank containing data on the geophysical  
12          and climatological characteristics of the Nation's  
13          shorelines.

14          (2) CONTENT.—To the extent practical, the na-  
15          tional coastal data bank shall include data regarding  
16          current and predicted shoreline positions, informa-  
17          tion on federally-authorized shore protection  
18          projects, and data on the movement of sand along  
19          the Nation's shores, including impediments to such  
20          movement caused by natural and manmade features.

21          (3) ACCESS.—The national coastal data bank  
22          shall be made readily accessible to the public.

23 **SEC. 219. FLOOD PREVENTION COORDINATION.**

24          Section 206 of the Flood Control Act of 1960 (33  
25          U.S.C. 709a) is amended—

1 (1) by redesignating subsections (b) and (c) as  
2 subsections (c) and (d), respectively; and

3 (2) by inserting after subsection (a) the fol-  
4 lowing:

5 “(b) FLOOD PREVENTION COORDINATION.—The  
6 Secretary shall coordinate with the Director of the Federal  
7 Emergency Management Agency and the heads of other  
8 Federal agencies to ensure that flood control projects and  
9 plans are complementary and integrated to the extent  
10 practicable and appropriate.”.

11 **SEC. 220. ANNUAL PASSES FOR RECREATION.**

12 Section 208(c)(4) of the Water Resources Develop-  
13 ment Act of 1996 (16 U.S.C. 460d note; 110 Stat. 3680)  
14 is amended by striking “1999, or the date of transmittal  
15 of the report under paragraph (3)” and inserting “2003”.

16 **SEC. 221. COOPERATIVE AGREEMENTS FOR ENVIRON-**  
17 **MENTAL AND RECREATIONAL MEASURES.**

18 (a) IN GENERAL.—The Secretary is authorized to  
19 enter into cooperative agreements with non-Federal public  
20 bodies and non-profit entities for the purpose of facili-  
21 tating collaborative efforts involving environmental protec-  
22 tion and restoration, natural resources conservation, and  
23 recreation in connection with the development, operation,  
24 and management of water resources projects under the ju-  
25 risdiction of the Department of the Army.

1 (b) REPORT.—Not later than 18 months after the  
2 date of the enactment of this Act, the Secretary shall  
3 transmit to the Committee on Transportation and Infra-  
4 structure of the House of Representatives and the Com-  
5 mittee on Environment and Public Works of the Senate  
6 a report that includes—

7 (1) a listing and general description of the co-  
8 operative agreements entered into by the Secretary  
9 with non-Federal public bodies and entities under  
10 subsection (a);

11 (2) a determination of whether such agreements  
12 are facilitating collaborative efforts; and

13 (3) a recommendation on whether such agree-  
14 ments should be further encouraged.

15 **SEC. 222. NONSTRUCTURAL FLOOD CONTROL PROJECTS.**

16 (a) ANALYSIS OF BENEFITS.—Section 308 of the  
17 Water Resources Development Act of 1990 (33 U.S.C.  
18 2318; 104 Stat. 4638) is amended—

19 (1) in the heading to subsection (a) by inserting  
20 “ELEMENTS EXCLUDED FROM” before “BENEFIT-  
21 Cost”;

22 (2) by redesignating subsections (b) through (e)  
23 as subsections (c) through (f), respectively; and

24 (3) by inserting after subsection (a) the fol-  
25 lowing:

1       “(b) FLOOD DAMAGE REDUCTION BENEFITS.—In  
2 calculating the benefits of a proposed project for non-  
3 structural flood damage reduction, the Secretary shall cal-  
4 culate benefits of nonstructural projects using methods  
5 similar to structural projects, including similar treatment  
6 in calculating the benefits from losses avoided from both  
7 structural and nonstructural alternatives. In carrying out  
8 this subsection, the Secretary should avoid double count-  
9 ing of benefits.”.

10       (b) REEVALUATION OF FLOOD CONTROL  
11 PROJECTS.—At the request of a non-Federal interest for  
12 a flood control project, the Secretary shall conduct a re-  
13 evaluation of a previously authorized project to consider  
14 nonstructural alternatives in light of the amendments  
15 made by subsection (a).

16       (c) COST SHARING.—Section 103(b) of the Water  
17 Resources Development Act of 1986 (33 U.S.C. 2213(b))  
18 is amended by adding at the end the following: “At any  
19 time during construction of the project, where the Sec-  
20 retary determines that the costs of lands, easements,  
21 rights-of-way, dredged material disposal areas, and reloca-  
22 tions in combination with other costs contributed by the  
23 non-Federal interests will exceed 35 percent, any addi-  
24 tional costs for the project, but not to exceed 65 percent  
25 of the total costs of the project, shall be a Federal respon-



1 sibility and shall be contributed during construction as  
2 part of the Federal share.”.

3 **SEC. 223. LAKES PROGRAM.**

4 Section 602(a) of the Water Resources Development  
5 Act of 1986 (110 Stat. 3758) is amended—

6 (1) by striking “and” at the end of paragraph  
7 (15);

8 (2) by striking the period at the end of para-  
9 graph (16) and inserting a semicolon; and

10 (3) by adding at the end the following:

11 “(17) Clear Lake, Lake County, California, re-  
12 moval of silt and aquatic growth and measures to  
13 address excessive sedimentation and high nutrient  
14 concentration;

15 “(18) Osgood Pond, Milford, Hillsborough  
16 County, New Hampshire, removal of silt and aquatic  
17 growth and measures to address excessive sedi-  
18 mentation; and

19 “(19) Flints Pond, Hollis, Hillsborough County,  
20 New Hampshire, removal of silt and aquatic growth  
21 and measures to address excessive sedimentation.”.

1 **SEC. 224. CONSTRUCTION OF FLOOD CONTROL PROJECTS**  
2 **BY NON-FEDERAL INTERESTS.**

3 (a) CONSTRUCTION BY NON-FEDERAL INTERESTS.—  
4 Section 211(d)(1) of the Water Resources Development  
5 Act of 1996 (33 U.S.C. 701b–13(d)(1)) is amended—

6 (1) by striking “(b) or”;

7 (2) by striking “Any non-Federal” and insert-  
8 ing the following:

9 “(A) STUDIES AND DESIGN ACTIVITIES  
10 UNDER SUBSECTION (b).—A non-Federal inter-  
11 est may only carry out construction for which  
12 studies and design documents are prepared  
13 under subsection (b) if the Secretary approves  
14 such construction. The Secretary shall approve  
15 such construction unless the Secretary deter-  
16 mines, in writing, that the design documents do  
17 not meet standard practices for design meth-  
18 odologies or that the project is not economically  
19 justified or environmentally acceptable or does  
20 not meet the requirements for obtaining the ap-  
21 propriate permits required under the Sec-  
22 retary’s authority. The Secretary shall not un-  
23 reasonably withhold approval. Nothing in this  
24 subparagraph may be construed to affect any  
25 regulatory authority of the Secretary.

1                   “(B) STUDIES AND DESIGN ACTIVITIES  
 2                   UNDER SUBSECTION (c).—Any non-Federal”;  
 3                   and

4                   (3) by aligning the remainder of subparagraph  
 5                   (B) (as designated by paragraph (2) of this sub-  
 6                   section) with subparagraph (A) (as inserted by para-  
 7                   graph (2) of this subsection).

8                   (b) CONFORMING AMENDMENT.—Section 211(d)(2)  
 9 of such Act is amended by inserting “(other than para-  
 10 graph (1)(A))” after “this subsection”.

11                  (c) REIMBURSEMENT.—

12                   (1) IN GENERAL.—Section 211(e)(1) of such  
 13                   Act is amended—

14                   (A) in the matter preceding subparagraph  
 15                   (1) by inserting after “constructed pursuant to  
 16                   this section” the following: “and provide credit  
 17                   for the non-Federal share of the project”;

18                   (B) by striking “and” at the end of sub-  
 19                   paragraph (A);

20                   (C) by striking the period at the end of  
 21                   subparagraph (B) and inserting “; and”; and

22                   (D) by adding at the end the following:

23                   “(C) if the construction work is reasonably  
 24                   equivalent to Federal construction work.”.

1           (2) SPECIAL RULES.—Section 211(e)(2)(A) of  
2 such Act is amended—

3           (A) by striking “subject to amounts being  
4 made available in advance in appropriations  
5 Acts” and inserting “subject to appropria-  
6 tions”; and

7           (B) by inserting after “the cost of such  
8 work” the following: “, or provide credit (de-  
9 pending on the request of the non-Federal in-  
10 terest) for the non-Federal share of such  
11 work,”.

12          (3) SCHEDULE AND MANNER OF REIMBURSE-  
13 MENTS.—Section 211(e) of such Act (33 U.S.C.  
14 701b–13(e)) is amended by adding at the end the  
15 following:

16           “(6) SCHEDULE AND MANNER OF REIMBURSE-  
17 MENT.—

18           “(A) BUDGETING.—The Secretary shall  
19 budget and request appropriations for reim-  
20 bursements under this section on a schedule  
21 that is consistent with a Federal construction  
22 schedule.

23           “(B) COMMENCEMENT OF REIMBURSE-  
24 MENTS.—Reimbursements under this section

1           may commence upon approval of a project by  
2           the Secretary.

3           “(C) CREDIT.—At the request of a non-  
4           Federal interest, the Secretary may reimburse  
5           the non-Federal interest by providing credit to-  
6           ward future non-Federal costs of the project.

7           “(D) SCHEDULING.—Nothing in this para-  
8           graph shall affect the President’s discretion to  
9           schedule new construction starts.”.

10 **SEC. 225. ENHANCEMENT OF FISH AND WILDLIFE RE-**  
11 **SOURCES.**

12       Section 906(e) of the Water Resources Development  
13 Act of 1986 (33 U.S.C. 2283(e)) is amended by inserting  
14 after the second sentence the following: “Not more than  
15 80 percent of the non-Federal share of such first costs  
16 may be satisfied through in-kind contributions, including  
17 facilities, supplies, and services that are necessary to carry  
18 out the enhancement project.”.

19 **SEC. 226. SENSE OF CONGRESS; REQUIREMENT REGARD-**  
20 **ING NOTICE.**

21       (a) PURCHASE OF AMERICAN-MADE EQUIPMENT  
22 AND PRODUCTS.—It is the sense of Congress that, to the  
23 greatest extent practicable, all equipment and products  
24 purchased with funds made available under this Act  
25 should be American made.

1 (b) NOTICE TO RECIPIENTS OF ASSISTANCE.—In  
2 providing financial assistance under this Act, the Sec-  
3 retary, to the greatest extent practicable, shall provide to  
4 each recipient of the assistance a notice describing the  
5 statement made in subsection (a).

6 **SEC. 227. PERIODIC BEACH NOURISHMENT.**

7 (a) IN GENERAL.—Section 506(a) of the Water Re-  
8 sources Development Act of 1996 (110 Stat. 3757) is  
9 amended by adding at the end the following:

10 “(5) LEE COUNTY, FLORIDA.—Project for  
11 shoreline protection, Lee County, Captiva Island  
12 segment, Florida.”.

13 (b) PROJECTS.—Section 506(b)(3) of such Act (110  
14 Stat. 3758) is amended by striking subparagraph (A) and  
15 redesignating subparagraphs (B) through (D) as subpara-  
16 graphs (A) through (C), respectively.

17 **SEC. 228. ENVIRONMENTAL DREDGING.**

18 Section 312 of the Water Resources Development Act  
19 of 1990 (104 Stat. 4639–4640) is amended—

20 (1) in subsection (b)(1) by striking “50” and  
21 inserting “35”; and

22 (2) in subsection (d) by striking “non-Federal  
23 responsibility” and inserting “shared as a cost of  
24 construction”.

1 **SEC. 229. WETLANDS MITIGATION.**

2 In carrying out a water resources project that in-  
3 volves wetlands mitigation and that has an impact that  
4 occurs within the service area of a mitigation bank, the  
5 Secretary, to the maximum extent practicable and where  
6 appropriate, shall give preference to the use of the mitiga-  
7 tion bank if the bank contains sufficient available credits  
8 to offset the impact and the bank is approved in accord-  
9 ance with the Federal Guidance for the Establishment,  
10 Use and Operation of Mitigation Banks (60 Fed. Reg.  
11 58605 (November 28, 1995)) or other applicable Federal  
12 law (including regulations).

13 **TITLE III—PROJECT-RELATED**  
14 **PROVISIONS**

15 **SEC. 301. MISSOURI RIVER LEVEE SYSTEM.**

16 The project for flood control, Missouri River Levee  
17 System, authorized by section 10 of the Act entitled “An  
18 Act authorizing the construction of certain public works  
19 on rivers and harbors for flood control, and other pur-  
20 poses”, approved December 22, 1944 (58 Stat. 897), is  
21 modified to provide that project costs totaling \$2,616,000  
22 expended on Units L-15, L-246, and L-385 out of the  
23 Construction, General account of the Corps of Engineers  
24 before the date of the enactment of the Water Resources  
25 Development Act of 1986 (33 U.S.C. 2201 note) shall not  
26 be treated as part of total project costs.

1   **SEC. 302. OUZINKIE HARBOR, ALASKA.**

2           (a) MAXIMUM FEDERAL EXPENDITURE.—The max-  
3 imum amount of Federal funds that may be expended for  
4 the project for navigation, Ouzinkie Harbor, Alaska, shall  
5 be \$8,500,000.

6           (b) REVISION OF PROJECT COOPERATION AGREE-  
7 MENT.—The Secretary shall revise the project cooperation  
8 agreement for the project referred to in subsection (a) to  
9 take into account the change in the Federal participation  
10 in such project pursuant to subsection (a).

11          (c) COST SHARING.—Nothing in this section shall be  
12 construed to affect any cost-sharing requirement applica-  
13 ble to the project referred to in subsection (a) under the  
14 Water Resources Development Act of 1986.

15   **SEC. 303. GREERS FERRY LAKE, ARKANSAS.**

16          The project for flood control, Greers Ferry Lake, Ar-  
17 kansas, authorized by the Act entitled “An Act author-  
18 izing the construction of certain public works on rivers and  
19 harbors for flood control, and other purposes”, approved  
20 June 28, 1938 (52 Stat. 1218), is modified to authorize  
21 the Secretary to construct water intake facilities for the  
22 benefit of Lonoke and White Counties, Arkansas.

23   **SEC. 304. TEN- AND FIFTEEN-MILE BAYOUS, ARKANSAS.**

24          The project for flood control, St. Francis River  
25 Basin, Missouri and Arkansas, authorized by section 204  
26 of the Flood Control Act of 1950 (64 Stat. 172), is modi-



1 fied to expand the project boundaries to include Ten- and  
 2 Fifteen-Mile Bayous near West Memphis, Arkansas. Not-  
 3 withstanding section 103(f) of the Water Resources Devel-  
 4 opment Act of 1986 (100 Stat. 4086), the flood control  
 5 work at Ten- and Fifteen-Mile Bayous shall not be consid-  
 6 ered separable elements of the St. Francis River Basin  
 7 project.

8 **SEC. 305. LOGGY BAYOU, RED RIVER BELOW DENISON DAM,**  
 9 **ARKANSAS, LOUISIANA, OKLAHOMA, AND**  
 10 **TEXAS.**

11 The project for flood control on the Red River Below  
 12 Denison Dam, Arkansas, Louisiana, Oklahoma, and  
 13 Texas, authorized by section 10 of the Flood Control Act  
 14 of 1946 (60 Stat. 647), is modified to direct the Secretary  
 15 to conduct a study to determine the feasibility of expand-  
 16 ing the project to include mile 0.0 to mile 7.8 of Loggy  
 17 Bayou between the Red River and Flat River. If the Sec-  
 18 retary determines as a result of the study that the project  
 19 should be expanded, the Secretary may assume responsi-  
 20 bility for operation and maintenance of the expanded  
 21 project.

22 **SEC. 306. SACRAMENTO RIVER, GLENN-COLUSA, CALI-**  
 23 **FORNIA.**

24 (a) IN GENERAL.—The project for flood control, Sac-  
 25 ramento River, California, authorized by section 2 of the

1 Act entitled “An Act to provide for the control of the  
2 floods of the Mississippi River and of the Sacramento  
3 River, California, and for other purposes”, approved  
4 March 1, 1917 (39 Stat. 949), and modified by section  
5 102 of the Energy and Water Development Appropriations  
6 Act, 1990 (103 Stat. 649), section 301(b)(3) of the Water  
7 Resources Development Act of 1996 (110 Stat. 3110), and  
8 title I of the Energy and Water Development Appropria-  
9 tions Act, 1999 (112 Stat. 1841), is further modified to  
10 authorize the Secretary—

11           (1) to carry out the portion of the project at  
12           Glenn-Colusa, California, at a total cost of  
13           \$26,000,000, with an estimated Federal cost of  
14           \$20,000,000 and an estimated non-Federal cost of  
15           \$6,000,000; and

16           (2) to carry out bank stabilization work in the  
17           vicinity of the riverbed gradient facility, particularly  
18           in the vicinity of River Mile 208.

19           (b) CREDIT.—The Secretary shall provide the non-  
20 Federal interests for the project referred to in subsection  
21 (a) a credit of up to \$4,000,000 toward the non-Federal  
22 share of the project costs for the direct and indirect costs  
23 incurred by the non-Federal sponsor in carrying out activi-  
24 ties associated with environmental compliance for the  
25 project. Such credit may be in the form of reimbursements

1 for costs which were incurred by the non-Federal interests  
2 prior to an agreement with the Corps of Engineers, to in-  
3 clude the value of lands, easements, rights-of-way, reloca-  
4 tions, or dredged material disposal areas.

5 **SEC. 307. SAN LORENZO RIVER, CALIFORNIA.**

6 The project for flood control and habitat restoration,  
7 San Lorenzo River, California, authorized by section  
8 101(a)(5) of the Water Resources Development Act of  
9 1996 (110 Stat. 3663), is modified to authorize the Sec-  
10 retary to expand the boundaries of the project to include  
11 bank stabilization for a 1,000-foot portion of the San  
12 Lorenzo River.

13 **SEC. 308. TERMINUS DAM, KAWEAH RIVER, CALIFORNIA.**

14 (a) **TRANSFER OF TITLE TO ADDITIONAL LAND.**—  
15 If the non-Federal interests for the project for flood con-  
16 trol and water supply, Terminus Dam, Kaweah River,  
17 California, authorized by section 101(b)(5) of the Water  
18 Resources Development Act of 1996 (110 Stat. 3667),  
19 transfers to the Secretary without consideration title to  
20 perimeter lands acquired for the project by the non-Fed-  
21 eral interests, the Secretary may accept the transfer of  
22 such title.

23 (b) **LANDS, EASEMENT, AND RIGHTS-OF-WAY.**—  
24 Nothing in this section shall be construed to change, mod-  
25 ify, or otherwise affect the responsibility of the non-Fed-

1 eral interests to provide lands, easements, rights-of-way,  
2 relocations, and dredged material disposal areas necessary  
3 for the Terminus Dam project and to perform operation  
4 and maintenance for the project.

5 (c) OPERATION AND MAINTENANCE.—Upon request  
6 by the non-Federal interests, the Secretary shall carry out  
7 operation, maintenance, repair, replacement, and rehabili-  
8 tation of the project if the non-Federal interests enter into  
9 a binding agreement with the Secretary to reimburse the  
10 Secretary for 100 percent of the costs of such operation,  
11 maintenance, repair, replacement, and rehabilitation.

12 (d) HOLD HARMLESS.—The non-Federal interests  
13 shall hold the United States harmless for ownership, oper-  
14 ation, and maintenance of lands and facilities of the Ter-  
15 minus Dam project title to which is transferred to the Sec-  
16 retary under this section.

17 **SEC. 309. DELAWARE RIVER MAINSTEM AND CHANNEL**  
18 **DEEPENING, DELAWARE, NEW JERSEY, AND**  
19 **PENNSYLVANIA.**

20 The project for navigation, Delaware River Mainstem  
21 and Channel Deepening, Delaware, New Jersey and Penn-  
22 sylvania, authorized by section 101(6) of the Water Re-  
23 sources Development Act of 1992 (106 Stat. 4802), is  
24 modified as follows:

1           (1) The Secretary is authorized to provide non-  
2       Federal interests credit toward cash contributions  
3       required for construction and subsequent to con-  
4       struction for engineering and design and construc-  
5       tion management work that is performed by non-  
6       Federal interests and that the Secretary determines  
7       is necessary to implement the project. Any such  
8       credits extended shall reduce the Philadelphia Dis-  
9       trict's private sector performance goals for engineer-  
10      ing work by a like amount.

11          (2) The Secretary is authorized to provide to  
12      non-Federal interests credit toward cash contribu-  
13      tions required during construction and subsequent to  
14      construction for the costs of construction carried out  
15      by the non-Federal interest on behalf of the Sec-  
16      retary and that the Secretary determines is nec-  
17      essary to implement the project.

18          (3) The Secretary is authorized to enter into an  
19      agreement with a non-Federal interest for the pay-  
20      ment of disposal or tipping fees for dredged material  
21      from a Federal project other than for the construc-  
22      tion or operation and maintenance of the new deep-  
23      ening project as described in the Limited Reevalua-  
24      tion Report of May 1997, where the non-Federal in-

1       terest has supplied the corresponding disposal capac-  
2       ity.

3           (4) The Secretary is authorized to enter into an  
4       agreement with a non-Federal interest that will pro-  
5       vide that the non-Federal interest may carry out or  
6       cause to have carried out, on behalf of the Secretary,  
7       a disposal area management program for dredged  
8       material disposal areas necessary to construct, oper-  
9       ate, and maintain the project and to authorize the  
10      Secretary to reimburse the non-Federal interest for  
11      the costs of the disposal area management program  
12      activities carried out by the non-Federal interest.

13 **SEC. 310. POTOMAC RIVER, WASHINGTON, DISTRICT OF CO-**  
14 **LUMBIA.**

15      The project for flood control, Potomac River, Wash-  
16      ington, District of Columbia, authorized by section 5 of  
17      the Flood Control Act of June 22, 1936 (69 Stat. 1574),  
18      and modified by section 301(a)(4) of the Water Resources  
19      Development Act of 1996 (110 Stat. 3707), is further  
20      modified to authorize the Secretary to construct the  
21      project at a Federal cost of \$6,129,000.

22 **SEC. 311. BREVARD COUNTY, FLORIDA.**

23      (a) STUDY.—The Secretary, in cooperation with the  
24      non-Federal interest, shall conduct a study of any damage  
25      to the project for shoreline protection, Brevard County,

1 Florida, authorized by section 101(b)(7) of the Water Re-  
2 sources Development Act of 1996 (110 Stat. 3667), to de-  
3 termine whether the damage is the result of a Federal  
4 navigation project.

5 (b) CONDITIONS.—In conducting the study, the Sec-  
6 retary shall utilize the services of an independent coastal  
7 expert who shall consider all relevant studies completed  
8 by the Corps of Engineers and the project's local sponsor.  
9 The study shall be completed within 120 days of the date  
10 of the enactment of this Act.

11 (c) MITIGATION OF DAMAGES.—After completion of  
12 the study, the Secretary shall mitigate any damage to the  
13 shoreline protection project that is the result of a Federal  
14 navigation project. The costs of the mitigation shall be al-  
15 located to the Federal navigation project as operation and  
16 maintenance.

17 **SEC. 312. BROWARD COUNTY AND HILLSBORO INLET,**  
18 **FLORIDA.**

19 The project for shoreline protection, Broward County  
20 and Hillsboro Inlet, Florida, authorized by section 301 of  
21 the River and Harbor Act of 1965 (79 Stat. 1090), is  
22 modified to authorize the Secretary to reimburse the non-  
23 Federal interest for the Federal share of the cost of  
24 preconstruction planning and design for the project upon  
25 execution of a contract to construct the project if the Sec-

1 retary determines such work is compatible with and inte-  
2 gral to the project.

3 **SEC. 313. FORT PIERCE, FLORIDA.**

4 (a) IN GENERAL.—The project for shore protection  
5 and harbor mitigation, Fort Pierce, Florida, authorized by  
6 section 301 of the River and Harbor Act of 1965 (79 Stat.  
7 1092) and section 506(a)(2) of the Water Resources De-  
8 velopment Act of 1996 (110 Stat. 3757), is modified to  
9 incorporate an additional 1 mile into the project in accord-  
10 ance with a final approved General Reevaluation Report,  
11 at a total cost for initial nourishment for the entire project  
12 of \$9,128,000, with an estimated Federal cost of  
13 \$7,073,500 and an estimated non-Federal cost of  
14 \$2,054,500.

15 (b) PERIOD NOURISHMENT.—Periodic nourishment  
16 is authorized for the project in accordance with section  
17 506(a)(2) of Water Resources Development Act of 1996  
18 (110 Stat. 3757).

19 (c) REVISION OF THE PROJECT COOPERATION  
20 AGREEMENT.—The Secretary shall revise the project co-  
21 operation agreement for the project referred to in sub-  
22 section (a) to take into account the change in Federal par-  
23 ticipation in the project pursuant to subsection (a).



1   **SEC. 314. NASSAU COUNTY, FLORIDA.**

2           The project for beach erosion control, Nassau County  
3 (Amelia Island), Florida, authorized by section 3(a)(3) of  
4 the Water Resources Development Act of 1988 (102 Stat.  
5 4013), is modified to authorize the Secretary to construct  
6 the project at a total cost of \$17,000,000, with an esti-  
7 mated Federal cost of \$13,300,000 and an estimated non-  
8 Federal cost of \$3,700,000.

9   **SEC. 315. MIAMI HARBOR CHANNEL, FLORIDA.**

10          The project for navigation, Miami Harbor Channel,  
11 Florida, authorized by section 101(a)(9) of the Water Re-  
12 sources Development Act of 1990 (104 Stat. 4606), is  
13 modified to include construction of artificial reefs and re-  
14 lated environmental mitigation required by Federal, State,  
15 and local environmental permitting agencies for the  
16 project.

17   **SEC. 316. LAKE MICHIGAN, ILLINOIS.**

18          The project for storm damage reduction and shore-  
19 line erosion protection, Lake Michigan, Illinois, from  
20 Wilmette, Illinois, to the Illinois-Indiana State line, au-  
21 thorized by section 101(a)(12) of the Water Resources De-  
22 velopment Act of 1996 (110 Stat. 3664), is modified to  
23 authorize the Secretary to provide a credit against the  
24 non-Federal share of the cost of the project for costs in-  
25 curred by the non-Federal interest—

1           (1) in constructing Reach 2D and Segment 8 of  
2       Reach 4 of the project; and

3           (2) in reconstructing Solidarity Drive in Chi-  
4       cago, Illinois, prior to entry into a project coopera-  
5       tion agreement with the Secretary.

6 **SEC. 317. SPRINGFIELD, ILLINOIS.**

7       Section 417 of the Water Resources Development Act  
8       of 1996 (110 Stat. 3743) is amended—

9           (1) by inserting “(a) IN GENERAL.—” before  
10       “The Secretary”; and

11          (2) by adding at the end the following:

12       “(b) COST SHARING.—The non-Federal share of as-  
13       sistance provided under this section before, on, or after  
14       the date of the enactment of this subsection shall be 50  
15       percent.”.

16 **SEC. 318. LITTLE CALUMET RIVER, INDIANA.**

17       The project for flood control, Little Calumet River,  
18       Indiana, authorized by section 401(a) of the Water Re-  
19       sources Development Act of 1986 (100 Stat. 4115), is  
20       modified to authorize the Secretary to construct the  
21       project substantially in accordance with the report of the  
22       Corps of Engineers, at a total cost of \$167,000,000, with  
23       an estimated Federal cost of \$122,000,000 and an esti-  
24       mated non-Federal cost of \$45,000,000.

1 **SEC. 319. OGDEN DUNES, INDIANA.**

2 (a) STUDY.—The Secretary shall conduct a study of  
3 beach erosion in and around the town of Ogden Dunes,  
4 Indiana, to determine whether the damage is the result  
5 of a Federal navigation project.

6 (b) MITIGATION OF DAMAGES.—After completion of  
7 the study, the Secretary shall mitigate any damage to the  
8 beach and shoreline that is the result of a Federal naviga-  
9 tion project. The cost of the mitigation shall be allocated  
10 to the Federal navigation project as operation and mainte-  
11 nance.

12 **SEC. 320. SAINT JOSEPH RIVER, SOUTH BEND, INDIANA.**

13 (a) MAXIMUM TOTAL EXPENDITURE.—The max-  
14 imum total expenditure for the project for streambank  
15 erosion, recreation, and pedestrian access features, Saint  
16 Joseph River, South Bend, Indiana, shall be \$7,800,000.

17 (b) REVISION OF PROJECT COOPERATION AGREE-  
18 MENT.—The Secretary shall revise the project cooperation  
19 agreement for the project referred to in subsection (a) to  
20 take into account the change in the Federal participation  
21 in such project pursuant to subsection (a).

22 (c) COST SHARING.—Nothing in this section shall be  
23 construed to affect any cost-sharing requirement applica-  
24 ble to the project referred to in subsection (a) under title  
25 I of the Water Resources Development Act of 1986 (33  
26 U.S.C. 2211 et seq.).

1 **SEC. 321. WHITE RIVER, INDIANA.**

2       The project for flood control, Indianapolis on West  
3 Fork of the White River, Indiana, authorized by section  
4 5 of the Act entitled “An Act authorizing the construction  
5 of certain public works on rivers and harbors for flood con-  
6 trol, and other purposes”, approved June 22, 1936 (49  
7 Stat. 1586), and modified by section 323 of the Water  
8 Resources Development Act of 1996 (110 Stat. 3716), is  
9 further modified to authorize the Secretary to undertake  
10 riverfront alterations as described in the Central Indianap-  
11 olis Waterfront Concept Master Plan, dated February  
12 1994, at a total cost of \$110,975,000, with an estimated  
13 Federal cost of \$52,475,000 and an estimated non-Fed-  
14 eral cost of \$58,500,000.

15 **SEC. 322. LAKE PONTCHARTRAIN, LOUISIANA.**

16       The project for hurricane-flood protection, Lake  
17 Pontchartrain, Louisiana, authorized by section 204 of the  
18 Flood Control Act of 1965 (79 Stat. 1077), is modified—

19           (1) to direct the Secretary to conduct a study  
20       to determine the feasibility of constructing a pump  
21       adjacent to each of the 4 proposed drainage struc-  
22       tures for the Saint Charles Parish feature of the  
23       project; and

24           (2) to authorize the Secretary to construct such  
25       pumps upon completion of the study.

1 **SEC. 323. LAROSE TO GOLDEN MEADOW, LOUISIANA.**

2       The project for hurricane protection Larose to Gold-  
3 en Meadow, Louisiana, authorized by section 204 of the  
4 Flood Control Act of 1965 (79 Stat. 1077), is modified  
5 to direct the Secretary to convert the Golden Meadow  
6 floodgate into a navigation lock if the Secretary deter-  
7 mines that the conversion is feasible.

8 **SEC. 324. LOUISIANA STATE PENITENTIARY LEVEE, LOU-**  
9 **ISIANA.**

10       The Louisiana State Penitentiary Levee project, Lou-  
11 isiana, authorized by section 401(a) of the Water Re-  
12 sources Development Act of 1986 (100 Stat. 4117), is  
13 modified to direct the Secretary to provide credit to the  
14 non-Federal interest toward the non-Federal share of the  
15 cost of the project. The credit shall be for cost of work  
16 performed by the non-Federal interest prior to the execu-  
17 tion of a project cooperation agreement as determined by  
18 the Secretary to be compatible with and an integral part  
19 of the project.

20 **SEC. 325. TWELVE-MILE BAYOU, CADDO PARISH, LOU-**  
21 **ISIANA.**

22       The Secretary shall be responsible for maintenance  
23 of the levee along Twelve-Mile Bayou from its junction  
24 with the existing Red River Below Denison Dam Levee  
25 approximately 26 miles upstream to its terminus at high  
26 ground in the vicinity of Black Bayou, Caddo Parish, Lou-

1 isiana, if the Secretary determines that such maintenance  
2 is economically justified and environmentally acceptable  
3 and that the levee was constructed in accordance with ap-  
4 propriate design and engineering standards.

5 **SEC. 326. WEST BANK OF THE MISSISSIPPI RIVER (EAST OF**  
6 **HARVEY CANAL), LOUISIANA.**

7 (a) IN GENERAL.—The project for flood control and  
8 storm damage reduction, West Bank of the Mississippi  
9 River (East of Harvey Canal), Louisiana, authorized by  
10 section 401(b) of the Water Resources Development Act  
11 of 1986 (100 Stat. 4128) and section 101(a)(17) of the  
12 Water Resources Development Act of 1996 (110 Stat.  
13 3665), is modified—

14 (1) to provide that any liability under the Com-  
15 prehensive Environmental Response, Compensation,  
16 and Liability Act of 1980 (42 U.S.C. 9601 et seq.)  
17 from the construction of the project is a Federal re-  
18 sponsibility; and

19 (2) to authorize the Secretary to carry out op-  
20 eration and maintenance of that portion of the  
21 project included in the report of the Chief of Engi-  
22 neers, dated May 1, 1995, referred to as “Algiers  
23 Channel”, if the non-Federal sponsor reimburses the  
24 Secretary for the amount of such operation and

1 maintenance included in the report of the Chief of  
2 Engineers.

3 (b) COMBINATION OF PROJECTS.—The Secretary  
4 shall carry out work authorized as part of the Westwego  
5 to Harvey Canal project, the East of Harvey Canal  
6 project, and the Lake Cataouatche modifications as a sin-  
7 gle project, to be known as the West Bank and vicinity,  
8 New Orleans, Louisiana, hurricane protection project,  
9 with a combined total cost of \$280,300,000.

10 **SEC. 327. TOLCHESTER CHANNEL, BALTIMORE HARBOR**  
11 **AND CHANNELS, CHESAPEAKE BAY, KENT**  
12 **COUNTY, MARYLAND.**

13 The project for navigation, Tolchester Channel, Balti-  
14 more Harbor and Channels, Chesapeake Bay, Kent Coun-  
15 ty, Maryland, authorized by section 101 of the River and  
16 Harbor Act of 1958 (72 Stat. 297), is modified to author-  
17 ize the Secretary to straighten the navigation channel in  
18 accordance with the District Engineer's Navigation As-  
19 sessment Report and Environmental Assessment, dated  
20 April 30, 1997. This modification shall be carried out in  
21 order to improve navigation safety.

22 **SEC. 328. SAULT SAINTE MARIE, CHIPPEWA COUNTY,**  
23 **MICHIGAN.**

24 The project for navigation Sault Sainte Marie, Chip-  
25 pewa County, Michigan, authorized by section 1149 of the

1 Water Resources Development Act of 1986 (100 Stat.  
2 4254–4255) and modified by section 330 of the Water Re-  
3 sources Development Act of 1996 (110 Stat. 3717–3718),  
4 is further modified to provide that the amount to be paid  
5 by non-Federal interests pursuant to section 101(a) of the  
6 Water Resources Development Act of 1986 (33 U.S.C.  
7 2211(a)) and subsection (a) of such section 330 shall not  
8 include any interest payments.

9 **SEC. 329. JACKSON COUNTY, MISSISSIPPI.**

10 The project for environmental infrastructure, Jack-  
11 son County, Mississippi, authorized by section 219(c)(5)  
12 of the Water Resources Development Act of 1992 (106  
13 Stat. 4835) and modified by section 504 of the Water Re-  
14 sources Development Act of 1996 (110 Stat. 3757), is fur-  
15 ther modified to direct the Secretary to provide a credit,  
16 not to exceed \$5,000,000, against the non-Federal share  
17 of the cost of the project for the costs incurred by the  
18 Jackson County Board of Supervisors since February 8,  
19 1994, in constructing the project if the Secretary deter-  
20 mines that such costs are for work that the Secretary de-  
21 termines is compatible with and integral to the project.

22 **SEC. 330. TUNICA LAKE, MISSISSIPPI.**

23 The project for flood control, Mississippi River Chan-  
24 nel Improvement Project, Tunica Lake, Mississippi, au-  
25 thorized by the Act entitled: “An Act for the control of



1 floods on the Mississippi River and its tributaries, and for  
2 other purposes”, approved May 15, 1928 (45 Stat. 534–  
3 538), is modified to include construction of a weir at the  
4 Tunica Cutoff, Mississippi.

5 **SEC. 331. BOIS BRULE DRAINAGE AND LEVEE DISTRICT,**  
6 **MISSOURI.**

7 (a) **MAXIMUM FEDERAL EXPENDITURE.**—The max-  
8 imum amount of Federal funds that may be allocated for  
9 the project for flood control, Bois Brule Drainage and  
10 Levee District, Missouri, authorized pursuant to section  
11 205 of the Flood Control Act of 1948 (33 U.S.C. 701s),  
12 shall be \$15,000,000.

13 (b) **REVISION OF THE PROJECT COOPERATION**  
14 **AGREEMENT.**—The Secretary shall revise the project co-  
15 operation agreement for the project referred to in sub-  
16 section (a) to take into account the change in Federal par-  
17 ticipation in the project pursuant to subsection (a).

18 (c) **COST SHARING.**—Nothing in this section shall be  
19 construed to affect any cost-sharing requirement applica-  
20 ble to the project referred to in subsection (a) under title  
21 I of the Water Resources Development Act of 1986 (33  
22 U.S.C. 2211 et seq.).

1 **SEC. 332. MERAMEC RIVER BASIN, VALLEY PARK LEVEE,**  
2 **MISSOURI.**

3 The project for flood control, Meramec River Basin,  
4 Valley Park Levee, Missouri, authorized by section 2(h)  
5 of an Act entitled “An Act to deauthorize several projects  
6 within the jurisdiction of the Army Corps of Engineers”  
7 (95 Stat. 1682–1683) and modified by section 1128 of  
8 the Water Resources Development Act of 1986, (100 Stat.  
9 4246), is further modified to authorize the Secretary to  
10 construct the project at a maximum Federal expenditure  
11 of \$35,000,000.

12 **SEC. 333. MISSOURI RIVER MITIGATION PROJECT, MIS-**  
13 **SOURL, KANSAS, IOWA, AND NEBRASKA.**

14 (a) IN GENERAL.—The project for mitigation of fish  
15 and wildlife losses, Missouri River Bank Stabilization and  
16 Navigation Project, Missouri, Kansas, Iowa, and Ne-  
17 braska, authorized by section 601 of the Water Resources  
18 Development Act of 1986 (100 Stat. 4143), is modified  
19 to increase by 118,650 acres the lands and interests in  
20 lands to be acquired for the project.

21 (b) STUDY.—

22 (1) IN GENERAL.—The Secretary, in conjunc-  
23 tion with the States of Nebraska, Iowa, Kansas, and  
24 Missouri, shall conduct a study to determine the cost  
25 of restoring, under the authority of the Missouri

1 River fish and wildlife mitigation project, a total of  
2 118,650 acres of lost Missouri River habitat.

3 (2) REPORT.—The Secretary shall report to  
4 Congress on the results of the study not later than  
5 6 months after the date of the enactment of this  
6 Act.

7 **SEC. 334. WOOD RIVER, GRAND ISLAND, NEBRASKA.**

8 The project for flood control, Wood River, Grand Is-  
9 land, Nebraska, authorized by section 101(a)(19) of the  
10 Water Resources Development Act of 1996 (110 Stat.  
11 3665), is modified to authorize the Secretary to construct  
12 the project substantially in accordance with the report of  
13 the Corps of Engineers dated June 29, 1998, at a total  
14 cost of \$17,039,000, with an estimated Federal cost of  
15 \$9,730,000 and an estimated non-Federal cost of  
16 \$7,309,000.

17 **SEC. 335. ABSECON ISLAND, NEW JERSEY.**

18 The project for storm damage reduction and shore-  
19 line protection, Brigantine Inlet to Great Egg Harbor  
20 Inlet, Absecon Island, New Jersey, authorized by section  
21 101(b)(13) of the Water Resources Development Act of  
22 1996 (110 Stat. 3668), is modified to provide that, if,  
23 after October 12, 1996, the non-Federal interests carry  
24 out any work associated with the project that is later rec-  
25 ommended by the Chief of Engineers and approved by the

1 Secretary, the Secretary may credit the non-Federal inter-  
 2 ests toward the non-Federal share of the cost of the  
 3 project an amount equal to the Federal share of the cost  
 4 of such work, without interest.

5 **SEC. 336. NEW YORK HARBOR AND ADJACENT CHANNELS,**  
 6 **PORT JERSEY, NEW JERSEY**

7 The project for navigation, New York Harbor and  
 8 Adjacent Channels, New York and New Jersey, authorized  
 9 by section 202(b) of the Water Resources Development  
 10 Act of 1986 (100 Stat. 4098), is modified to authorize  
 11 the Secretary to construct that portion of the project that  
 12 is located between Military Ocean Terminal Bayonne and  
 13 Global Terminal in Bayonne, New Jersey, substantially in  
 14 accordance with the report of the Corps of Engineers, at  
 15 a total cost of \$103,267,000, with an estimated Federal  
 16 cost of \$76,909,000 and an estimated non-Federal cost  
 17 of \$26,358,000.

18 **SEC. 337. PASSAIC RIVER, NEW JERSEY.**

19 Section 101(a)(18)(B) of the Water Resources Devel-  
 20 opment Act of 1990 (104 Stat. 4608–4609) is amended  
 21 by inserting “, including an esplanade for safe pedestrian  
 22 access with an overall width of 600 feet” after “public ac-  
 23 cess to Route 21”.

1 **SEC. 338. SANDY HOOK TO BARNEGAT INLET, NEW JERSEY.**

2 The project for shoreline protection, Sandy Hook to  
3 Barnegat Inlet, New Jersey, authorized by section 101 of  
4 the River and Harbor Act of 1958 (72 Stat. 299), is  
5 modified—

6 (1) to include the demolition of Long Branch  
7 pier and extension of Ocean Grove pier; and

8 (2) to authorize the Secretary to reimburse the  
9 non-Federal sponsor for the Federal share of costs  
10 associated with the demolition of Long Branch pier  
11 and the construction of the Ocean Grove pier.

12 **SEC. 339. ARTHUR KILL, NEW YORK AND NEW JERSEY.**

13 The project for navigation, Arthur Kill, New York  
14 and New Jersey, authorized by section 202(b) of the  
15 Water Resources Development Act of 1986 (100 Stat.  
16 4098) and modified by section 301(b)(11) of the Water  
17 Resources Development Act of 1996 (110 Stat. 3711), is  
18 further modified to authorize the Secretary to construct  
19 the portion of the project at Howland Hook Marine Ter-  
20 minal substantially in accordance with the report of the  
21 Corps of Engineers, dated September 30, 1998, at a total  
22 cost of \$315,700,000, with an estimated Federal cost of  
23 \$183,200,000 and an estimated non-Federal cost of  
24 \$132,500,000.

1   **SEC. 340. NEW YORK CITY WATERSHED.**

2           Section 552(i) of the Water Resources Development  
3 Act of 1996 (110 Stat. 3781) is amended by striking  
4 “\$22,500,000” and inserting “\$42,500,000”.

5   **SEC. 341. NEW YORK STATE CANAL SYSTEM.**

6           Section 553(e) of the Water Resources Development  
7 Act of 1996 (110 Stat. 3781) is amended by striking  
8 “\$8,000,000” and inserting “\$18,000,000”.

9   **SEC. 342. FIRE ISLAND INLET TO MONTAUK POINT, NEW**  
10                           **YORK.**

11           The project for combined beach erosion control and  
12 hurricane protection, Fire Island Inlet to Montauk Point,  
13 Long Island, New York, authorized by the River and Har-  
14 bor Act of 1960 (74 Stat. 483) and modified by the River  
15 and Harbor Act of 1962, the Water Resources Develop-  
16 ment Act of 1974, and the Water Resources Development  
17 Act of 1986, is further modified to direct the Secretary,  
18 in coordination with the heads of other Federal depart-  
19 ments and agencies, to complete all procedures and re-  
20 views expeditiously and to adopt and transmit to Congress  
21 not later than June 30, 1999, a mutually acceptable shore  
22 erosion plan for the Fire Island Inlet to Moriches Inlet  
23 reach of the project.

1 **SEC. 343. BROKEN BOW LAKE, RED RIVER BASIN, OKLA-**  
2 **HOMA.**

3 The project for flood control and water supply, Bro-  
4 ken Bow Lake, Red River Basin, Oklahoma, authorized  
5 by section 203 of the Flood Control Act of 1958 (72 Stat.  
6 309) and modified by section 203 of the Flood Control  
7 Act of 1962 (76 Stat. 1187), section 102(v) of the Water  
8 Resources Development Act of 1992 (106 Stat. 4808), and  
9 section 338 of the Water Resources Development Act of  
10 1996 (110 Stat. 3720), is further modified to require the  
11 Secretary to make seasonal adjustments to the top of the  
12 conservation pool at the project as follows (if the Secretary  
13 determines that the adjustments will be undertaken at no  
14 cost to the United States and will adequately protect im-  
15 pacted water and related resources):

16 (1) Maintain an elevation of 599.5 from No-  
17 vember 1 through March 31.

18 (2) Increase elevation gradually from 599.5 to  
19 602.5 during April and May.

20 (3) Maintain an elevation of 602.5 from June  
21 1 to September 30.

22 (4) Decrease elevation gradually from 602.5 to  
23 599.5 during October.

1 **SEC. 344. WILLAMETTE RIVER TEMPERATURE CONTROL,**  
2 **MCKENZIE SUBBASIN, OREGON.**

3 (a) IN GENERAL.—The project for environmental  
4 restoration, Willamette River Temperature Control,  
5 McKenzie Subbasin, Oregon, authorized by section  
6 101(a)(25) of the Water Resources Development Act of  
7 1996 (110 Stat. 3665), is modified to authorize the Sec-  
8 retary to construct the project substantially in accordance  
9 with the Feature Memorandum dated July 31, 1998, at  
10 a total cost of \$64,741,000.

11 (b) REPORT.—Not later than 90 days after the date  
12 of the enactment of this Act, the Secretary shall report  
13 to Congress on the reasons for the cost growth of the Wil-  
14 lamette River project and outline the steps the Corps of  
15 Engineers is taking to control project costs, including the  
16 application of value engineering and other appropriate  
17 measures. In the report, the Secretary shall also include  
18 a cost estimate for, and recommendations on the advis-  
19 ability of, adding fish screens to the project.

20 **SEC. 345. AYLESWORTH CREEK RESERVOIR, PENNSYL-**  
21 **VANIA.**

22 The project for flood control, Aylesworth Creek Res-  
23 ervoir, Pennsylvania, authorized by section 203 of the  
24 Flood Control Act of 1962 (76 Stat. 1182), is modified  
25 to authorize the Secretary to transfer, in each of fiscal



1 years 1999 and 2000, \$50,000 to the Aylesworth Creek  
2 Reservoir Park Authority for recreational facilities.

3 **SEC. 346. CURWENSVILLE LAKE, PENNSYLVANIA.**

4 Section 562 of the Water Resources Development Act  
5 of 1996 (110 Stat. 3784) is amended by adding at the  
6 end the following: “The Secretary shall provide design and  
7 construction assistance for recreational facilities at  
8 Curwensville Lake and, when appropriate, may require the  
9 non-Federal interest to provide not more than 25 percent  
10 of the cost of designing and constructing such facilities.  
11 The Secretary may transfer, in each of fiscal years 1999  
12 through 2003, \$100,000 to the Clearfield County Munic-  
13 ipal Services and Recreation Authority for recreational fa-  
14 cilities.”.

15 **SEC. 347. DELAWARE RIVER, PENNSYLVANIA AND DELA-**  
16 **WARE.**

17 The project for navigation, Delaware River, Philadel-  
18 phia to Wilmington, Pennsylvania and Delaware, author-  
19 ized by section 3(a)(12) of the Water Resources Develop-  
20 ment Act of 1988 (102 Stat. 4014), is modified to author-  
21 ize the Secretary to extend the channel of the Delaware  
22 River at Camden, New Jersey, to within 150 feet of the  
23 existing bulkhead and to relocate the 40-foot deep Federal  
24 navigation channel, eastward within Philadelphia Harbor,

1 from the Ben Franklin Bridge to the Walt Whitman  
2 Bridge, into deep water.

3 **SEC. 348. MUSSERS DAM, PENNSYLVANIA.**

4 Section 209 of the Water Resources Development Act  
5 of 1992 (106 Stat. 4830) is amended by striking sub-  
6 section (e) and redesignating subsection (f) as subsection  
7 (e).

8 **SEC. 349. NINE-MILE RUN, ALLEGHENY COUNTY, PENNSYLVANIA.**  
9

10 The Nine-Mile Run project, Allegheny County, Penn-  
11 sylvania, carried out pursuant to section 206 of the Water  
12 Resources Development Act of 1996 (33 U.S.C. 2330; 110  
13 Stat. 3679–3680), is modified to authorize the Secretary  
14 to provide a credit toward the non-Federal share of the  
15 project for costs incurred by the non-Federal interest in  
16 preparing environmental and feasibility documentation for  
17 the project before entering into an agreement with the  
18 Corps of Engineers with respect to the project if the Sec-  
19 retary determines such costs are for work that is compat-  
20 ible with and integral to the project.

21 **SEC. 350. RAYSTOWN LAKE, PENNSYLVANIA.**

22 (a) RECREATION PARTNERSHIP INITIATIVE.—Sec-  
23 tion 519(b) of the Water Resources Development Act of  
24 1996 (110 Stat. 3765) is amended—

1           (1) by redesignating paragraph (3) as para-  
2       graph (4); and

3           (2) by inserting after paragraph (2) the fol-  
4       lowing:

5           “(3) ENGINEERING AND DESIGN SERVICES.—  
6       The Secretary may perform, at full Federal expense,  
7       engineering and design services for project infra-  
8       structure expected to be associated with the develop-  
9       ment of the site at Raystown Lake, Hesston, Penn-  
10      sylvania.”.

11       (b) CONSTRUCTION ASSISTANCE.—

12           (1) IN GENERAL.—Consistent with the master  
13       plan described in section 318 of the Water Re-  
14       sources Development Act of 1992 (106 Stat. 4848),  
15       the Secretary may provide a grant to Juniata Col-  
16       lege for the construction of facilities and structures  
17       at Raystown Lake, Pennsylvania, to interpret and  
18       understand environmental conditions and trends. As  
19       a condition of the receipt of such financial assist-  
20       ance, officials at Juniata College shall coordinate  
21       with the Baltimore District of the Army Corps of  
22       Engineers.

23           (2) AUTHORIZATION OF APPROPRIATIONS.—

24       There is authorized to be appropriated \$5,000,000

1 for fiscal years beginning after September 30, 1998,  
2 to carry out this subsection.

3 **SEC. 351. SOUTH CENTRAL PENNSYLVANIA.**

4 (a) AUTHORIZATION OF APPROPRIATIONS.—Section  
5 313(g)(1) of the Water Resources Development Act of  
6 1992 (106 Stat. 4846) is amended by striking  
7 “\$80,000,000” and inserting “\$180,000,000”.

8 (b) CORPS OF ENGINEERS EXPENSES.—Section  
9 313(g) of such Act (106 Stat. 4846) is amended by adding  
10 at the end the following:

11 “(4) CORPS OF ENGINEERS EXPENSES.—10  
12 percent of the amounts appropriated to carry out  
13 this section for each of fiscal years 2000 through  
14 2002 may be used by the Corps of Engineers district  
15 offices to administer and implement projects under  
16 this section at 100 percent Federal expense.”.

17 **SEC. 352. COOPER RIVER, CHARLESTON HARBOR, SOUTH**  
18 **CAROLINA.**

19 The project for redirection, Cooper River, Charleston  
20 Harbor, South Carolina, authorized by section 101 of the  
21 River and Harbor Act of 1968 (82 Stat. 731) and modi-  
22 fied by title I of the Energy and Water Development Ap-  
23 propriations Act, 1992 (105 Stat. 516), is further modi-  
24 fied to authorize the Secretary to pay to the State of  
25 South Carolina not more than \$3,750,000 if the Secretary

1 and the State enter into a binding agreement for the State  
2 to perform all future operation of, including associated  
3 studies to assess the efficacy of, the St. Stephen, South  
4 Carolina, fish lift. The agreement must specify the terms  
5 and conditions under which payment will be made and the  
6 rights of, and remedies available to, the Federal Govern-  
7 ment to recover all or a portion of such payment in the  
8 event the State suspends or terminates operation of the  
9 fish lift or fails to operate the fish lift in a manner satis-  
10 factory to the Secretary. Maintenance of the fish lift shall  
11 remain a Federal responsibility.

12 **SEC. 353. BOWIE COUNTY LEVEE, TEXAS.**

13 The project for flood control, Red River Below  
14 Denison Dam, Texas and Oklahoma, authorized by section  
15 10 of the Flood Control Act of 1946 (60 Stat. 647), is  
16 modified to direct the Secretary to implement the Bowie  
17 County Levee feature of the project in accordance with  
18 the plan defined as Alternative B in the draft document  
19 entitled “Bowie County Local Flood Protection, Red  
20 River, Texas Project Design Memorandum No. 1, Bowie  
21 County Levee”, dated April 1997. In evaluating and im-  
22 plementing this modification, the Secretary shall allow the  
23 non-Federal interest to participate in the financing of the  
24 project in accordance with section 903(c) of the Water Re-  
25 sources Development Act of 1986 (100 Stat. 4184) to the

1 extent that the Secretary’s evaluation indicates that apply-  
 2 ing such section is necessary to implement the project.

3 **SEC. 354. CLEAR CREEK, TEXAS.**

4 Section 575 of the Water Resources Development Act  
 5 of 1996 (110 Stat. 3789) is amended—

6 (1) in subsection (a)—

7 (A) by inserting “or nonstructural  
 8 (buyout) actions” after “flood control works  
 9 constructed”; and

10 (B) by inserting “or nonstructural  
 11 (buyout) actions” after “construction of the  
 12 project”; and

13 (2) in subsection (b)—

14 (A) by striking “and” at the end of para-  
 15 graph (3);

16 (B) by striking the period at the end of  
 17 paragraph (3) and inserting “; and”; and

18 (C) by adding at the end the following:

19 “(4) the project for flood control, Clear Creek,  
 20 Texas, authorized by section 203 of the Flood Con-  
 21 trol Act of 1968 (82 Stat. 742).”.

22 **SEC. 355. CYPRESS CREEK, TEXAS.**

23 (a) IN GENERAL.—The project for flood control, Cy-  
 24 press Creek, Texas, authorized by section 3(a)(13) of the  
 25 Water Resources Development Act of 1988 (102 Stat.

1 4014), is modified to authorize the Secretary to carry out  
2 a nonstructural flood control project at a total cost of  
3 \$5,000,000.

4 (b) REIMBURSEMENT FOR WORK.—The Secretary  
5 may reimburse the non-Federal interest for the Cypress  
6 Creek project for work done by the non-Federal interest  
7 on the nonstructural flood control project in an amount  
8 equal to the estimate of the Federal share, without inter-  
9 est, of the cost of such work—

10 (1) if, after authorization and before initiation  
11 of construction of such nonstructural project, the  
12 Secretary approves the plans for construction of  
13 such nonstructural project by the non-Federal inter-  
14 est; and

15 (2) if the Secretary finds, after a review of  
16 studies and design documents prepared to carry out  
17 such nonstructural project, that construction of such  
18 nonstructural project is economically justified and  
19 environmentally acceptable.

20 **SEC. 356. DALLAS FLOODWAY EXTENSION, DALLAS, TEXAS.**

21 The project for flood control, Dallas Floodway Exten-  
22 sion, Dallas, Texas, authorized by section 301 of the River  
23 and Harbor Act of 1965 (79 Stat. 1091) and modified  
24 by section 351 of the Water Resources Development Act

1 of 1996 (110 Stat. 3724), is further modified to add envi-  
2 ronmental restoration and recreation as project purposes.

3 **SEC. 357. UPPER JORDAN RIVER, UTAH.**

4       The project for flood control, Upper Jordan River,  
5 Utah, authorized by section 101(a)(23) of the Water Re-  
6 sources Development Act of 1990 (104 Stat. 4610) and  
7 modified by section 301(a)(14) of the Water Resources  
8 Development Act of 1996 (110 Stat. 3709), is further  
9 modified to direct the Secretary to carry out the locally  
10 preferred project, entitled “Upper Jordan River Flood  
11 Control Project, Salt Lake County, Utah—Supplemental  
12 Information” and identified in the document of Salt Lake  
13 County, Utah, dated July 30, 1998, at a total cost of  
14 \$12,870,000, with an estimated Federal cost of  
15 \$8,580,000 and an estimated non-Federal cost of  
16 \$4,290,000.

17 **SEC. 358. ELIZABETH RIVER, CHESAPEAKE, VIRGINIA.**

18       Notwithstanding any other provision of law, after  
19 September 30, 1999, the City of Chesapeake, Virginia,  
20 shall not be obligated to make the annual cash contribu-  
21 tion required under paragraph 1(9) of the Local Coopera-  
22 tion Agreement dated December 12, 1978, between the  
23 Government and the city for the project for navigation,  
24 southern branch of Elizabeth River, Chesapeake, Virginia.



1   **SEC. 359. BLUESTONE LAKE, OHIO RIVER BASIN, WEST VIR-**  
2                                   **GINIA.**

3           Section 102(ff) of the Water Resources Development  
4 Act of 1992 (106 Stat. 4810) is amended by striking  
5 “take such measures as are technologically feasible” and  
6 inserting “implement Plan C/G, as defined in the Evalua-  
7 tion Report of the District Engineer, dated December  
8 1996,”.

9   **SEC. 360. GREENBRIER BASIN, WEST VIRGINIA.**

10          Section 579(c) of the Water Resources Development  
11 Act of 1996 (110 Stat. 3790) is amended by striking  
12 “\$12,000,000” and inserting “\$73,000,000”.

13   **SEC. 361. MOOREFIELD, WEST VIRGINIA.**

14          Effective October 1, 1999, the project for flood con-  
15 trol, Moorefield, West Virginia, authorized by section  
16 101(a)(25) of the Water Resources Development Act of  
17 1990 (104 Stat. 4610-4611), is modified to provide that  
18 the non-Federal interest shall not be required to pay the  
19 unpaid balance, including interest, of the non-Federal  
20 share of the cost of the project.

21   **SEC. 362. WEST VIRGINIA AND PENNSYLVANIA FLOOD CON-**  
22                                   **TROL.**

23          Section 581(a) of the Water Resources Development  
24 Act of 1996 (110 Stat. 3790) is amended to read as fol-  
25 lows:

1       “(a) IN GENERAL.—The Secretary may design and  
2 construct—

3               “(1) flood control measures in the Cheat and  
4 Tygart River basins, West Virginia, at a level of pro-  
5 tection that is sufficient to prevent any future losses  
6 to these communities from flooding such as occurred  
7 in January 1996 but no less than a 100-year level  
8 of protection; and

9               “(2) structural and nonstructural flood control,  
10 streambank protection, stormwater management,  
11 and channel clearing and modification measures in  
12 the Lower Allegheny, Lower Monongahela, West  
13 Branch Susquehanna, and Juniata River basins,  
14 Pennsylvania, at a level of protection that is suffi-  
15 cient to prevent any future losses to communities in  
16 these basins from flooding such as occurred in Janu-  
17 ary 1996, but no less than a 100-year level of flood  
18 protection with respect to those measures that incor-  
19 porate levees or floodwalls.”.

20 **SEC. 363. PROJECT REAUTHORIZATIONS.**

21       (a) LEE CREEK, ARKANSAS AND OKLAHOMA.—The  
22 project for flood protection on Lee Creek, Arkansas and  
23 Oklahoma, authorized by section 204 of the Flood Control  
24 Act of 1965 (79 Stat. 1078) and deauthorized pursuant  
25 to section 1001(b)(1) of the Water Resources Develop-

1 ment Act of 1986 (33 U.S.C. 579a(b)(1)), is authorized  
2 to be carried out by the Secretary.

3 (b) INDIAN RIVER COUNTY, FLORIDA.—The project  
4 for shore protection, Indian River County, Florida, au-  
5 thorized by section 501 of the Water Resources and Devel-  
6 opment Act of 1986 (100 Stat. 4134) and deauthorized  
7 pursuant to section 1001(b)(1) of the Water Resources  
8 Development Act of 1986 (33 U.S.C. 579a(b)(1)), is au-  
9 thorized to be carried out by the Secretary.

10 (c) LIDO KEY, FLORIDA.—The project for shore pro-  
11 tection, Lido Key, Florida, authorized by section 101 of  
12 the River and Harbor Act of 1970 (84 Stat. 1819) and  
13 deauthorized pursuant to section 1001(b)(2) of the Water  
14 Resources Development Act of 1986 (33 U.S.C.  
15 579a(b)(2)), is authorized to be carried out by the Sec-  
16 retary.

17 (d) ST. AUGUSTINE, ST. JOHNS COUNTY, FLOR-  
18 IDA.—

19 (1) IN GENERAL.—The project for shore protec-  
20 tion and storm damage reduction, St. Augustine, St.  
21 Johns County, Florida, authorized by section 501 of  
22 the Water Resources Development Act of 1986 and  
23 deauthorized pursuant to section 1001(a) of such  
24 Act (33 U.S.C. 579a(a)), is authorized to include  
25 navigation mitigation as a project purpose and to be

1 carried out by the Secretary substantially in accord-  
2 ance with the General Reevaluation Report dated  
3 November 18, 1998, at a total cost of \$16,086,000,  
4 with an estimated Federal cost of \$12,949,000 and  
5 an estimated non-Federal cost of \$3,137,000.

6 (2) PERIODIC NOURISHMENT.—The Secretary  
7 is authorized to carry out periodic nourishment for  
8 the project for a 50-year period at an estimated av-  
9 erage annual cost of \$1,251,000, with an estimated  
10 annual Federal cost of \$1,007,000 and an estimated  
11 annual non-Federal cost of \$244,000.

12 (e) CASS RIVER, MICHIGAN (VASSAR).—The project  
13 for flood protection, Cass River, Michigan (Vassar), au-  
14 thorized by section 203 of the Flood Control Act of 1958  
15 (72 Stat. 311) and deauthorized pursuant to section  
16 1001(b)(2) of the Water Resources Development Act of  
17 1986 (33 U.S.C. 579a(b)(2)), is authorized to be carried  
18 out by the Secretary.

19 (f) SAGINAW RIVER, MICHIGAN (SHIAWASSEE  
20 FLATS).—The project for flood control, Saginaw River,  
21 Michigan (Shiawassee Flats), authorized by section 203  
22 of the Flood Control Act of 1958 (72 Stat. 311) and de-  
23 authorized pursuant to section 1001(b)(2) of the Water  
24 Resources Development Act of 1986 (33 U.S.C.

1 579a(b)(2)), is authorized to be carried out by the Sec-  
2 retary.

3 (g) PARK RIVER, GRAFTON, NORTH DAKOTA.—The  
4 project for flood control, Park River, Grafton, North Da-  
5 kota, authorized by section 401(a) of the Water Resources  
6 Development Act of 1986 (100 Stat. 4121) and deauthor-  
7 ized pursuant to section 1001(a) of such Act (33 U.S.C.  
8 579a(a)), is authorized to be carried out by the Secretary.

9 (h) MEMPHIS HARBOR, MEMPHIS, TENNESSEE.—  
10 The project for navigation, Memphis Harbor, Memphis,  
11 Tennessee, authorized by section 601(a) of the Water Re-  
12 sources Development Act of 1986 (100 Stat. 4145) and  
13 deauthorized pursuant to 1001(a) of such Act (33 U.S.C  
14 579a(a)), is authorized to be carried out by the Secretary.

15 **SEC. 364. PROJECT DEAUTHORIZATIONS.**

16 (a) IN GENERAL.—The following projects or portions  
17 of projects are not authorized after the date of the enact-  
18 ment of this Act:

19 (1) BRIDGEPORT HARBOR, CONNECTICUT.—  
20 That portion of the project for navigation, Bridge-  
21 port Harbor, Connecticut, authorized by section 101  
22 of the River and Harbor Act of 1958 (72 Stat. 297),  
23 consisting of a 2.4-acre anchorage area, 9 feet deep,  
24 and an adjacent 0.6-acre anchorage, 6 feet deep, lo-  
25 cated on the west side of Johnsons River.

1           (2) CLINTON HARBOR, CONNECTICUT.—That  
2       portion of the project for navigation, Clinton Har-  
3       bor, Connecticut, authorized by the Rivers and Har-  
4       bors Act of 1945, House Document 240, 76th Con-  
5       gress, 1st Session, lying upstream of a line des-  
6       ignated by the 2 points N158,592.12, E660,193.92  
7       and N158,444.58, E660,220.95.

8           (3) BASS HARBOR, MAINE.—The following por-  
9       tions of the project for navigation, Bass Harbor,  
10      Maine, authorized on May 7, 1962, under section  
11      107 of the River and Harbor Act of 1960 (33  
12      U.S.C. 577):

13           (A) Beginning at a bend in the project,  
14      N149040.00, E538505.00, thence running eas-  
15      terly about 50.00 feet along the northern limit  
16      of the project to a point N149061.55,  
17      E538550.11, thence running southerly about  
18      642.08 feet to a point, N14877.64,  
19      E538817.18, thence running southwesterly  
20      about 156.27 feet to a point on the westerly  
21      limit of the project, N148348.50, E538737.02,  
22      thence running northerly about 149.00 feet  
23      along the westerly limit of the project to a bend  
24      in the project, N148489.22, E538768.09,  
25      thence running northwesterly about 610.39 feet

1 along the westerly limit of the project to the  
2 point of origin.

3 (B) Beginning at a point on the westerly  
4 limit of the project, N148118.55, E538689.05,  
5 thence running southeasterly about 91.92 feet  
6 to a point, N148041.43, E538739.07, thence  
7 running southerly about 65.00 feet to a point,  
8 N147977.86, E538725.51, thence running  
9 southwesterly about 91.92 feet to a point on the  
10 westerly limit of the project, N147927.84,  
11 E538648.39, thence running northerly about  
12 195.00 feet along the westerly limit of the  
13 project to the point of origin.

14 (4) BOOTHBAY HARBOR, MAINE.—The project  
15 for navigation, Boothbay Harbor, Maine, authorized  
16 by the River and Harbor Act of 1912 (37 Stat.  
17 201).

18 (5) BUCKSPORT HARBOR, MAINE.—That por-  
19 tion of the project for navigation, Bucksport Harbor,  
20 Maine, authorized by the River and Harbor Act of  
21 1902, consisting of a 16-foot deep channel beginning  
22 at a point N268.748.16, E423.390.76, thence run-  
23 ning north 47 degrees 02 minutes 23 seconds east  
24 51.76 feet to a point N268.783.44, E423.428.64,  
25 thence running north 67 degrees 54 minutes 32 sec-

1       onds west 1513.94 feet to a point N269.352.81,  
 2       E422.025.84, thence running south 47 degrees 02  
 3       minutes 23 seconds west 126.15 feet to a point  
 4       N269.266.84, E421.933.52, thence running south  
 5       70 degrees 24 minutes 28 seconds east 1546.79 feet  
 6       to the point of origin.

7               (6) CARVERS HARBOR, VINALHAVEN, MAINE.—  
 8       That portion of the project for navigation, Carvers  
 9       Harbor, Vinalhaven, Maine, authorized by the Act of  
 10      June 3, 1896 (commonly known as the “River and  
 11      Harbor Appropriations Act of 1896”) (29 Stat. 202,  
 12      chapter 314), consisting of the 16-foot anchorage be-  
 13      ginning at a point with coordinates N137,502.04,  
 14      E895,156.83, thence running south 6 degrees 34  
 15      minutes 57.6 seconds west 277.660 feet to a point  
 16      N137,226.21, E895,125.00, thence running north  
 17      53 degrees, 5 minutes 42.4 seconds west 127.746  
 18      feet to a point N137,302.92, E895022.85, thence  
 19      running north 33 degrees 56 minutes 9.8 seconds  
 20      east 239.999 feet to the point of origin.

21              (7) EAST BOOTHBAY HARBOR, MAINE.—The  
 22      project for navigation, East Boothbay Harbor,  
 23      Maine, authorized by the first section of the Act en-  
 24      titled, “An Act making appropriations for the con-  
 25      struction, repair, and preservation of certain public



1 works on rivers and harbors, and for other pur-  
 2 poses”, approved June 25, 1910 (36 Stat. 631).

3 (8) SEARSPORT HARBOR, SEARSPORT, MAINE.—

4 That portion of the project for navigation, Searsport  
 5 Harbor, Searsport, Maine, authorized by section 101  
 6 of the River and Harbor Act of 1962 (76 Stat.  
 7 1173), consisting of the 35-foot turning basin begin-  
 8 ning at a point with coordinates N225,008.38,  
 9 E395,464.26, thence running north 43 degrees 49  
 10 minutes 53.4 seconds east 362.001 feet to a point  
 11 N225,269.52, E395,714.96, thence running south  
 12 71 degrees 27 minutes 33.0 seconds east 1,309.201  
 13 feet to a point N224,853.22, E396,956.21, thence  
 14 running north 84 degrees 3 minutes 45.7 seconds  
 15 west 1,499.997 feet to the point of origin.

16 (9) WELLS HARBOR, MAINE.—The following  
 17 portions of the project for navigation, Wells Harbor,  
 18 Maine, authorized by section 101 of the River and  
 19 Harbor Act of 1960 (74 Stat. 480):

20 (A) The portion of the 6-foot channel the  
 21 boundaries of which begin at a point with co-  
 22 ordinates N177,992.00, E394,831.00, thence  
 23 running south 83 degrees 58 minutes 14.8 sec-  
 24 onds west 10.38 feet to a point N177,990.91,  
 25 E394,820.68, thence running south 11 degrees

1           46 minutes 47.7 seconds west 991.76 feet to a  
2           point N177,020.04, E394,618.21, thence run-  
3           ning south 78 degrees 13 minutes 45.7 seconds  
4           east 10.00 feet to a point N177,018.00,  
5           E394,628.00, thence running north 11 degrees  
6           46 minutes 22.8 seconds east 994.93 feet to the  
7           point of origin.

8           (B) The portion of the 6-foot anchorage  
9           the boundaries of which begin at a point with  
10          coordinates N177,778.07, E394,336.96, thence  
11          running south 51 degrees 58 minutes 32.7 sec-  
12          onds west 15.49 feet to a point N177,768.53,  
13          E394,324.76, thence running south 11 degrees  
14          46 minutes 26.5 seconds west 672.87 feet to a  
15          point N177,109.82, E394,187.46, thence run-  
16          ning south 78 degrees 13 minutes 45.7 seconds  
17          east 10.00 feet to a point N177,107.78,  
18          E394,197.25, thence running north 11 degrees  
19          46 minutes 25.4 seconds east 684.70 feet to the  
20          point of origin.

21          (C) The portion of the 10-foot settling  
22          basin the boundaries of which begin at a point  
23          with coordinates N177,107.78, E394,197.25,  
24          thence running north 78 degrees 13 minutes  
25          45.7 seconds west 10.00 feet to a point

1 N177,109.82, E394,187.46, thence running  
 2 south 11 degrees 46 minutes 15.7 seconds west  
 3 300.00 feet to a point N176,816.13,  
 4 E394,126.26, thence running south 78 degrees  
 5 12 minutes 21.4 seconds east 9.98 feet to a  
 6 point N176,814.09, E394,136.03, thence run-  
 7 ning north 11 degrees 46 minutes 29.1 seconds  
 8 east 300.00 feet to the point of origin.

9 (D) The portion of the 10-foot settling  
 10 basin the boundaries of which begin at a point  
 11 with coordinates N177,018.00, E394,628.00,  
 12 thence running north 78 degrees 13 minutes  
 13 45.7 seconds west 10.00 feet to a point  
 14 N177,020.04, E394,618.21, thence running  
 15 south 11 degrees 46 minutes 44.0 seconds west  
 16 300.00 feet to a point N176,726.36,  
 17 E394,556.97, thence running south 78 degrees  
 18 12 minutes 30.3 seconds east 10.03 feet to a  
 19 point N176,724.31, E394,566.79, thence run-  
 20 ning north 11 degrees 46 minutes 22.4 seconds  
 21 east 300.00 feet to the point of origin.

22 (10) FALMOUTH HARBOR, MASSACHUSETTS.—  
 23 That portion of the project for navigation, Falmouth  
 24 Harbor, Massachusetts, authorized by section 101 of  
 25 the River and Harbor Act of 1948 lying southeast-

1       erly of a line commencing at a point N199,286.41,  
 2       E844,394.91, thence running north 66 degrees 52  
 3       minutes 3.31 seconds east 472.95 feet to a point  
 4       N199,472.21, E844,829.83, thence running north  
 5       43 degrees 9 minutes 28.3 seconds east 262.64 feet  
 6       to a point N199,633.80, E845,009.48, thence run-  
 7       ning north 21 degrees 40 minutes 11.26 seconds  
 8       east 808.38 feet to a point N200,415.05,  
 9       E845,307.98, thence running north 32 degrees 25  
 10      minutes 29.01 seconds east 160.76 feet to a point  
 11      N200,550.75, E845,394.18, thence running north  
 12      24 degrees 56 minutes 42.29 seconds east 1,410.29  
 13      feet to a point N201,829.48, E845,988.97.

14           (11) GREEN HARBOR, MASSACHUSETTS.—That  
 15      portion of the project for navigation, Green Harbor,  
 16      Massachusetts, undertaken pursuant to section 107  
 17      of the River and Harbor Act of 1960 (33 U.S.C.  
 18      577), consisting of the 6-foot deep channel beginning  
 19      at a point along the west limit of the existing  
 20      project, North 395990.43, East 831079.16, thence  
 21      running northwesterly about 752.85 feet to a point,  
 22      North 396722.80, East 830904.76, thence running  
 23      northwesterly about 222.79 feet to a point along the  
 24      west limit of the existing project, North 396844.34,  
 25      East 830718.04, thence running southwesterly about

1       33.72 feet along the west limit of the existing  
2       project to a point, North 396810.80, East  
3       830714.57, thence running southeasterly about  
4       195.42 feet along the west limit of the existing  
5       project to a point, North 396704.19, East  
6       830878.35, thence running about 544.66 feet along  
7       the west limit of the existing project to a point,  
8       North 396174.35, East 831004.52, thence running  
9       southeasterly about 198.49 feet along the west limit  
10      of the existing project to the point of beginning.

11           (12) NEW BEDFORD AND FAIRHAVEN HARBOR,  
12      MASSACHUSETTS.—The following portions of the  
13      project for navigation, New Bedford and Fairhaven  
14      Harbor, Massachusetts:

15           (A) A portion of the 25-foot spur channel  
16      leading to the west of Fish Island, authorized  
17      by the River and Harbor Act of 3 March 1909,  
18      beginning at a point with coordinates  
19      N232,173.77, E758,791.32, thence running  
20      south 27 degrees 36 minutes 52.8 seconds west  
21      38.2 feet to a point N232,139.91, E758,773.61,  
22      thence running south 87 degrees 35 minutes  
23      31.6 seconds west 196.84 feet to a point  
24      N232,131.64, E758,576.94, thence running  
25      north 47 degrees 47 minutes 48.4 seconds west

1           502.72 feet to a point N232,469.35,  
2           E758,204.54, thence running north 10 degrees  
3           10 minutes 20.3 seconds west 438.88 feet to a  
4           point N232,901.33, E758,127.03, thence run-  
5           ning north 79 degrees 49 minutes 43.1 seconds  
6           east 121.69 feet to a point N232,922.82,  
7           E758,246.81, thence running south 04 degrees  
8           29 minutes 17.6 seconds east 52.52 feet to a  
9           point N232,870.46, E758,250.92, thence run-  
10          ning south 23 degrees 56 minutes 11.2 seconds  
11          east 49.15 feet to a point N323,825.54,  
12          E758,270.86, thence running south 79 degrees  
13          49 minutes 27.0 seconds west 88.19 feet to a  
14          point N232,809.96, E758,184.06, thence run-  
15          ning south 10 degrees 10 minutes 25.7 seconds  
16          east 314.83 feet to a point N232,500.08,  
17          E758,239.67, thence running south 56 degrees  
18          33 minutes 56.1 seconds east 583.07 feet to a  
19          point N232,178.82, E758,726.25, thence run-  
20          ning south 85 degrees 33 minutes 16.0 seconds  
21          east to the point of origin.

22                (B) A portion of the 30-foot west maneu-  
23                vering basin, authorized by the River and Har-  
24                bor Act of 3 July 1930, beginning at a point  
25                with coordinates N232,139.91, E758,773.61,

1           thence running north 81 degrees 49 minutes  
 2           30.1 seconds east 160.76 feet to a point  
 3           N232,162.77, E758.932.74, thence running  
 4           north 85 degrees 33 minutes 16.0 seconds west  
 5           141.85 feet to a point N232,173.77,  
 6           E758,791.32, thence running south 27 degrees  
 7           36 minutes 52.8 seconds west to the point of  
 8           origin.

9           (b) ANCHORAGE AREA, CLINTON HARBOR, CON-  
 10       NECTICUT.—That portion of the Clinton Harbor, Con-  
 11       necticut, navigation project referred to in subsection  
 12       (a)(2) beginning at a point beginning: N158,444.58,  
 13       E660,220.95, thence running north 79 degrees 37 min-  
 14       utes 14 seconds east 833.31 feet to a point N158,594.72,  
 15       E661,040.67, thence running south 80 degrees 51 min-  
 16       utes 53 seconds east 181.21 feet to a point N158,565.95,  
 17       E661,219.58, thence running north 57 degrees 38 min-  
 18       utes 04 seconds west 126.02 feet to a point N158,633.41,  
 19       E660,113.14, thence running south 79 degrees 37 min-  
 20       utes 14 seconds west 911.61 feet to a point N158,469.17,  
 21       E660,216.44, thence running south 10 degrees 22 min-  
 22       utes 46 seconds east 25 feet returning to a point  
 23       N158,444.58, E660,220.95 is redesignated as an anchor-  
 24       age area.

25           (c) WELLS HARBOR, MAINE.—

1           (1) PROJECT MODIFICATION.—The Wells Har-  
2       bor, Maine, navigation project referred to in sub-  
3       section (a)(9) is modified to authorize the Secretary  
4       to realign the channel and anchorage areas based on  
5       a harbor design capacity of 150 craft.

6           (2) REDESIGNATIONS.—

7           (A) 6-FOOT ANCHORAGE.—The following  
8       portions of the Wells Harbor, Maine, navigation  
9       project referred to in subsection (a)(9) shall be  
10      redesignated as part of the 6-foot anchorage:

11           (i) The portion of the 6-foot channel  
12       the boundaries of which begin at a point  
13       with           coordinates       N177,990.91,  
14       E394,820.68, thence running south 83 de-  
15       grees 58 minutes 40.8 seconds west 94.65  
16       feet to a point N177,980.98, E394,726.55,  
17       thence running south 11 degrees 46 min-  
18       utes 22.4 seconds west 962.83 feet to a  
19       point N177,038.40, E394,530.10, thence  
20       running south 78 degrees 13 minutes 45.7  
21       seconds east 90.00 feet to a point  
22       N177,020.04, E394,618.21, thence run-  
23       ning north 11 degrees 46 minutes 47.7  
24       seconds east 991.76 feet to the point of or-  
25       igin.



1                   (ii) The portion of the 10-foot inner  
2                   harbor settling basin the boundaries of  
3                   which begin at a point with coordinates  
4                   N177,020.04, E394,618.21, thence run-  
5                   ning north 78 degrees 13 minutes 30.5  
6                   seconds west 160.00 feet to a point  
7                   N177,052.69, E394,461.58, thence run-  
8                   ning south 11 degrees 46 minutes 45.4  
9                   seconds west 299.99 feet to a point  
10                  N176,759.02, E394,400.34, thence run-  
11                  ning south 78 degrees 13 minutes 17.9  
12                  seconds east 160 feet to a point  
13                  N176,726.36, E394,556.97, thence run-  
14                  ning north 11 degrees 46 minutes 44.0  
15                  seconds east 300.00 feet to the point of or-  
16                  igin.

17                (B) 6-FOOT CHANNEL.—The following por-  
18                tion of the Wells Harbor, Maine, navigation  
19                project referred to in subsection (a)(9) shall be  
20                redesignated as part of the 6-foot channel: the  
21                portion of the 6-foot anchorage the boundaries  
22                of which begin at a point with coordinates  
23                N178,102.26, E394,751.83, thence running  
24                south 51 degrees 59 minutes 42.1 seconds west  
25                526.51 feet to a point N177,778.07,

1 E394,336.96, thence running south 11 degrees  
2 46 minutes 26.6 seconds west 511.83 feet to a  
3 point N177,277.01, E394,232.52, thence run-  
4 ning south 78 degrees 13 minutes 17.9 seconds  
5 east 80.00 feet to a point N177,260.68,  
6 E394,310.84, thence running north 11 degrees  
7 46 minutes 24.8 seconds east 482.54 feet to a  
8 point N177,733.07, E394,409.30, thence run-  
9 ning north 51 degrees 59 minutes 41.0 seconds  
10 east 402.63 feet to a point N177,980.98,  
11 E394,726.55, thence running north 11 degrees  
12 46 minutes 27.6 seconds east 123.89 feet to the  
13 point of origin.

14 (3) REALIGNMENT.—The 6-foot anchorage area  
15 described in paragraph (2)(B) shall be realigned to  
16 include the area located south of the inner harbor  
17 settling basin in existence on the date of the enact-  
18 ment of this Act beginning at a point with coordi-  
19 nates N176,726.36, E394,556.97, thence running  
20 north 78 degrees 13 minutes 17.9 seconds west  
21 160.00 feet to a point N176,759.02, E394,400.34,  
22 thence running south 11 degrees 47 minutes 03.8  
23 seconds west 45 feet to a point N176,714.97,  
24 E394,391.15, thence running south 78 degrees 13  
25 minutes 17.9 seconds 160.00 feet to a point

1 N176,682.31, E394,547.78, thence running north  
2 11 degrees 47 minutes 03.8 seconds east 45 feet to  
3 the point of origin.

4 (4) RELOCATION.—The Secretary may relocate  
5 the settling basin feature of the Wells Harbor,  
6 Maine, navigation project referred to in subsection  
7 (a)(9) to the outer harbor between the jetties.

8 (5) ADDITIONAL ACTIONS.—In carrying out the  
9 operation and the maintenance of the Wells Harbor,  
10 Maine, navigation project referred to in subsection  
11 (a)(9), the Secretary shall undertake each of the ac-  
12 tions of the Corps of Engineers specified in section  
13 IV(B) of the memorandum of agreement relating to  
14 the project dated January 20, 1998, including those  
15 actions specified in such section IV(B) that the par-  
16 ties agreed to ask the Corps of Engineers to under-  
17 take.

18 (d) ANCHORAGE AREA, GREEN HARBOR, MASSACHU-  
19 SETTS.—The portion of the Green Harbor, Massachusetts,  
20 navigation project referred to in subsection (a)(11) con-  
21 sisting of a 6-foot deep channel that lies northerly of a  
22 line whose coordinates are North 394825.00, East  
23 831660.00 and North 394779.28, East 831570.64 is re-  
24 designated as an anchorage area.

1 **SEC. 365. AMERICAN AND SACRAMENTO RIVERS, CALI-**  
2 **FORNIA.**

3 (a) IN GENERAL.—The project for flood damage re-  
4 duction, American and Sacramento Rivers, California, au-  
5 thorized by section 101(a)(1) of the Water Resources De-  
6 velopment Act of 1996 (110 Stat. 3662–3663), is modified  
7 to direct the Secretary to include the following improve-  
8 ments as part of the overall project:

9 (1) Raising the left bank of the non-Federal  
10 levee upstream of the Mayhew Drain for a distance  
11 of 4,500 feet by an average of 2.5 feet.

12 (2) Raising the right bank of the American  
13 River levee from 1,500 feet upstream to 4,000 feet  
14 downstream of the Howe Avenue bridge by an aver-  
15 age of 1 feet.

16 (3) Modifying the south levee of the Natomas  
17 Cross Canal for a distance of 5 miles to ensure that  
18 the south levee is consistent with the level of protec-  
19 tion provided by the authorized levee along the east  
20 bank of the Sacramento River.

21 (4) Modifying the north levee of the Natomas  
22 Cross Canal for a distance of 5 miles to ensure that  
23 the height of the levee is equivalent to the height of  
24 the south levee as authorized by paragraph (3).

1           (5) Installing gates to the existing Mayhew  
2       Drain culvert and pumps to prevent backup of flood-  
3       water on the Folsom Boulevard side of the gates.

4           (6) Installation of a slurry wall in the north  
5       levee of the American River from the east levee of  
6       the Natomas east Main Drain upstream for a dis-  
7       tance of approximately 1.2 miles.

8           (7) Installation of a slurry wall in the north  
9       levee of the American River from 300 feet west of  
10      Jacob Lane north for a distance of approximately 1  
11      mile to the end of the existing levee.

12       (b) COST LIMITATIONS.—Section 101(a)(1)(A) of the  
13   Water Resources Development Act of 1996 (110 Stat.  
14   3662) is amended by striking “at a total cost of” and all  
15   that follows through “\$14,225,000,” and inserting the fol-  
16   lowing: “at a total cost of \$91,900,000, with an estimated  
17   Federal cost of \$68,925,000 and an estimated non-Fed-  
18   eral cost of \$22,975,000,”.

19       (c) COST SHARING.—For purposes of section 103 of  
20   the Water Resources Development Act of 1986 (33 U.S.C.  
21   2213), the modifications authorized by this section shall  
22   be subject to the same cost sharing in effect for the project  
23   for flood damage reduction, American and Sacramento  
24   Rivers, California, authorized by section 101(a)(1) of the

1 Water Resources Development Act of 1996 (110 Stat.  
2 3662).

3 **SEC. 366. MARTIN, KENTUCKY.**

4 The project for flood control, Martin, Kentucky, au-  
5 thorized by section 202(a) of the Energy and Water Devel-  
6 opment Appropriations Act, 1981 (94 Stat. 1339) is modi-  
7 fied to authorize the Secretary to take all necessary meas-  
8 ures to prevent future losses that would occur from a flood  
9 equal in magnitude to a 100-year frequency event.

10 **SEC. 367. SOUTHERN WEST VIRGINIA PILOT PROGRAM.**

11 Section 340(g) of the Water Resources Development  
12 Act of 1992 (106 Stat. 4856) is amended to read as fol-  
13 lows:

14 “(g) AUTHORIZATION OF APPROPRIATIONS.—There  
15 is authorized to be appropriated to carry out the pilot pro-  
16 gram under this section \$40,000,000 for fiscal years be-  
17 ginning after September 30, 1992. Such sums shall re-  
18 main available until expended.”.

19 **SEC. 368. BLACK WARRIOR AND TOMBIGBEE RIVERS, JACK-**  
20 **SON, ALABAMA.**

21 The project for navigation, Black Warrior and  
22 Tombigbee Rivers, vicinity of Jackson, Alabama, as au-  
23 thorized by section 106 of the Energy and Water Develop-  
24 ment Appropriations Act, 1987 (100 Stat. 3341–199), is  
25 modified to authorize the Secretary to acquire lands for

1 mitigation of the habitat losses attributable to the project,  
2 including the navigation channel, dredged material dis-  
3 posal areas, and other areas directly impacted by construc-  
4 tion of the project. Notwithstanding section 906 of the  
5 Water Resources Development Act of 1986 (33 U.S.C.  
6 2283), the Secretary may construct the project prior to  
7 acquisition of the mitigation lands if the Secretary takes  
8 such actions as may be necessary to ensure that any re-  
9 quired mitigation lands will be acquired not later than 2  
10 years after initiation of construction of the new channel  
11 and such acquisition will fully mitigate any adverse envi-  
12 ronmental impacts resulting from the project.

13 **SEC. 369. TROPICANA WASH AND FLAMINGO WASH, NE-**  
14 **VADA.**

15 Any Federal costs associated with the Tropicana and  
16 Flamingo Washes, Nevada, authorized by section 101(13)  
17 of the Water Resources Development Act of 1992 (106  
18 Stat. 4803), incurred by the non-Federal interest to accel-  
19 erate or modify construction of the project, in cooperation  
20 with the Corps of Engineers, shall be considered to be eli-  
21 gible for reimbursement by the Secretary.

22 **SEC. 370. COMITE RIVER, LOUISIANA.**

23 The Comite River Diversion Project for flood control,  
24 authorized as part of the project for flood control, Amite  
25 River and Tributaries, Louisiana, by section 101(11) of

1 the Water Resources Development Act of 1992 (106 Stat.  
2 4802–4803) and modified by section 301(b)(5) of the  
3 Water Resources Development Act of 1996 (110 Stat.  
4 3709–3710), is further modified to authorize the Sec-  
5 retary to include the costs of highway relocations to be  
6 cost shared as a project construction feature if the Sec-  
7 retary determines that such treatment of costs is nec-  
8 essary to facilitate construction of the project.

9 **SEC. 371. ST. MARY’S RIVER, MICHIGAN.**

10 The project for navigation, St. Mary’s River, Michi-  
11 gan, is modified to direct the Secretary to provide an addi-  
12 tional foot of overdraft between Point Louise Turn and  
13 the Locks and Sault Saint Marie, Michigan, consistent  
14 with the channels upstream of Point Louise Turn. The  
15 modification shall be carried out as operation and mainte-  
16 nance to improve navigation safety.

17 **SEC. 372. CITY OF CHARLXVOIX: REIMBURSEMENT, MICHIGAN.**  
18

19 The Secretary, shall review and, if consistent with au-  
20 thorized project Purposes, reimburse the City of  
21 Charlevoix, Michigan, for the Federal share of costs asso-  
22 ciated with construction of the new revetment to the Fed-  
23 eral navigation project at Charlevoix Harbor, Michigan.



## **TITLE IV—STUDIES**

### **SEC. 401. UPPER MISSISSIPPI AND ILLINOIS RIVERS LEVEES AND STREAMBANKS PROTECTION.**

The Secretary shall conduct a study of erosion damage to levees and infrastructure on the upper Mississippi and Illinois Rivers and the impact of increased barge and pleasure craft traffic on deterioration of levees and other flood control structures on such rivers.

### **SEC. 402. UPPER MISSISSIPPI RIVER COMPREHENSIVE PLAN.**

(a) DEVELOPMENT.—The Secretary shall develop a plan to address water and related land resources problems and opportunities in the Upper Mississippi and Illinois River Basins, extending from Cairo, Illinois, to the headwaters of the Mississippi River, in the interest of systemic flood damage reduction by means of a mixture of structural and nonstructural flood control and floodplain management strategies, continued maintenance of the navigation project, management of bank caving and erosion, watershed nutrient and sediment management, habitat management, recreation needs, and other related purposes.

(b) CONTENTS.—The plan shall contain recommendations on future management plans and actions to be carried out by the responsible Federal and non-Federal entities and shall specifically address recommenda-

1 tions to authorize construction of a systemic flood control  
2 project in accordance with a plan for the Upper Mis-  
3 sissippi River. The plan shall include recommendations for  
4 Federal action where appropriate and recommendations  
5 for follow-on studies for problem areas for which data or  
6 current technology does not allow immediate solutions.

7 (c) CONSULTATION AND USE OF EXISTING DATA.—  
8 The Secretary shall consult with appropriate State and  
9 Federal agencies and shall make maximum use of existing  
10 data and ongoing programs and efforts of States and Fed-  
11 eral agencies in developing the plan.

12 (d) COST SHARING.—Development of the plan under  
13 this section shall be at Federal expense. Feasibility studies  
14 resulting from development of such plan shall be subject  
15 to cost sharing under section 105 of the Water Resources  
16 Development Act of 1986 (33 U.S.C. 2215).

17 (e) REPORT.—The Secretary shall submit a report  
18 that includes the comprehensive plan to the Committee on  
19 Transportation and Infrastructure of the House of Rep-  
20 resentatives and the Committee on Environment and Pub-  
21 lic Works of the Senate not later than 3 years after the  
22 date of the enactment of this Act.

1 **SEC. 403. EL DORADO, UNION COUNTY, ARKANSAS.**

2       The Secretary shall conduct a study to determine the  
3 feasibility of improvements to regional water supplies for  
4 El Dorado, Union County, Arkansas.

5 **SEC. 404. SWEETWATER RESERVOIR, SAN DIEGO COUNTY,**  
6 **CALIFORNIA.**

7       The Secretary shall conduct a study of the potential  
8 water quality problems and pollution abatement measures  
9 in the watershed in and around Sweetwater Reservoir, San  
10 Diego County, California.

11 **SEC. 405. WHITEWATER RIVER BASIN, CALIFORNIA.**

12       The Secretary shall undertake and complete a feasi-  
13 bility study for flood damage reduction in the Whitewater  
14 River basin, California, and, based upon the results of  
15 such study, give priority consideration to including the  
16 recommended project, including the Salton Sea wetlands  
17 restoration project, in the flood mitigation and riverine  
18 restoration pilot program authorized in section 214 of this  
19 Act.

20 **SEC. 406. LITTLE ECONLACKHATCHEE RIVER BASIN, FLOR-**  
21 **IDA.**

22       The Secretary shall conduct a study of pollution  
23 abatement measures in the Little Econlackhatchee River  
24 basin, Florida.

1 **SEC. 407. PORT EVERGLADES INLET, FLORIDA.**

2       The Secretary shall conduct a study to determine the  
3 feasibility of carrying out a sand bypass project at Port  
4 Everglades Inlet, Florida.

5 **SEC. 408. UPPER DES PLAINES RIVER AND TRIBUTARIES,**  
6 **ILLINOIS AND WISCONSIN.**

7       (a) IN GENERAL.—The Secretary is directed to con-  
8 duct a study of the upper Des Plaines River and tribu-  
9 taries, Illinois and Wisconsin, upstream of the confluence  
10 with Salt Creek at Riverside, Illinois, to determine the fea-  
11 sibility of improvements in the interests of flood damage  
12 reduction, environmental restoration and protection, water  
13 quality, recreation, and related purposes.

14       (b) SPECIAL RULE.—In conducting the study, the  
15 Secretary may not exclude from consideration and evalua-  
16 tion flood damage reduction measures based on restrictive  
17 policies regarding the frequency of flooding, drainage area,  
18 and amount of runoff.

19       (c) CONSULTATION AND USE OF EXISTING DATA.—  
20 The Secretary shall consult with appropriate State and  
21 Federal agencies and shall make maximum use of existing  
22 data and ongoing programs and efforts of States and Fed-  
23 eral agencies in conducting the study.

1 **SEC. 409. CAMERON PARISH WEST OF CALCASIEU RIVER,**  
2 **LOUISIANA.**

3 The Secretary shall conduct a study to determine the  
4 feasibility of carrying out a project for storm damage re-  
5 duction and environmental restoration, Cameron Parish  
6 west of Calcasieu River, Louisiana.

7 **SEC. 410. GRAND ISLE AND VICINITY, LOUISIANA.**

8 In carrying out a study of the storm damage reduc-  
9 tion benefits to Grand Isle and vicinity, Louisiana, the  
10 Secretary shall include benefits that a storm damage re-  
11 duction project for Grand Isle and vicinity, Louisiana, may  
12 have on the mainland coast of Louisiana as project bene-  
13 fits attributable to the Grand Isle project.

14 **SEC. 411. LAKE PONTCHARTRAIN SEAWALL, LOUISIANA.**

15 (a) IN GENERAL.—The Secretary shall complete a  
16 post-authorization change report on the project for hurri-  
17 cane-flood protection, Lake Pontchartrain, Louisiana, and  
18 vicinity, authorized by section 204 of the Flood Control  
19 Act of 1965 (79 Stat. 1077), to incorporate and accom-  
20 plish structural modifications to the seawall fronting pro-  
21 tection along the south shore of Lake Pontchartrain from  
22 the New Basin Canal on the west to the Inner harbor  
23 Navigation Canal on the east.

24 (b) REPORT.—The Secretary shall ensure expeditious  
25 completion of the post-authorization change report re-

1 quired by subsection (a) not later than 180 days after the  
2 date of the enactment of this section.

3 **SEC. 412. WESTPORT, MASSACHUSETTS.**

4       The Secretary shall conduct a study to determine the  
5 feasibility of carrying out a navigation project for the town  
6 of Westport, Massachusetts, and the possible beneficial  
7 uses of dredged material for shoreline protection and  
8 storm damage reduction in the area. In determining the  
9 benefits of the project, the Secretary shall include the ben-  
10 efits derived from using dredged material for shoreline  
11 protection and storm damage reduction.

12 **SEC. 413. SOUTHWEST VALLEY, ALBUQUERQUE, NEW MEX-**  
13 **ICO.**

14       The Secretary shall undertake and complete a feasi-  
15 bility study for flood damage reduction in the Southwest  
16 Valley, Albuquerque, New Mexico, and, based upon the re-  
17 sults of such study, give priority consideration to including  
18 the recommended project in the flood mitigation and  
19 riverine restoration pilot program authorized in section  
20 214 of this Act.

21 **SEC. 414. CAYUGA CREEK, NEW YORK.**

22       The Secretary shall conduct a study to determine the  
23 feasibility of carrying out a project for flood control for  
24 Cayuga Creek, New York.

1 **SEC. 415. ARCOLA CREEK WATERSHED, MADISON, OHIO.**

2       The Secretary shall conduct a study to determine the  
3 feasibility of a project to provide environmental restoration  
4 and protection for the Arcola Creek watershed, Madison,  
5 Ohio.

6 **SEC. 416. WESTERN LAKE ERIE BASIN, OHIO, INDIANA, AND**  
7 **MICHIGAN.**

8       (a) IN GENERAL.—The Secretary shall conduct a  
9 study to develop measures to improve flood control, navi-  
10 gation, water quality, recreation, and fish and wildlife  
11 habitat in a comprehensive manner in the western Lake  
12 Erie basin, Ohio, Indiana, and Michigan, including water-  
13 sheds of the Maumee, Ottawa, and Portage Rivers.

14       (b) COOPERATION.—In carrying out the study, the  
15 Secretary shall cooperate with interested Federal, State,  
16 and local agencies and nongovernmental organizations and  
17 consider all relevant programs of such agencies.

18       (c) REPORT.—Not later than 1 year after the date  
19 of the enactment of this Act, the Secretary shall submit  
20 to Congress a report on the results of the study, including  
21 findings and recommendations.

22 **SEC. 417. SCHUYLKILL RIVER, NORRISTOWN, PENNSYL-**  
23 **VANIA.**

24       The Secretary shall conduct a study to determine the  
25 feasibility of carrying out a project for flood control for

1 Schuylkill River, Norristown, Pennsylvania, including im-  
2 provement to existing stormwater drainage systems.

3 **SEC. 418. LAKES MARION AND MOULTRIE, SOUTH CARO-**  
4 **LINA.**

5 The Secretary shall conduct a study to determine the  
6 feasibility of carrying out a project for Lakes Marion and  
7 Moultrie to provide water supply, treatment, and distribu-  
8 tion to Calhoun, Clarendon, Colleton, Dorchester, Orange-  
9 burg, and Sumter Counties, South Carolina.

10 **SEC. 419. DAY COUNTY, SOUTH DAKOTA.**

11 The Secretary shall conduct an investigation of flood-  
12 ing and other water resources problems between the  
13 James River and Big Sioux watersheds in South Dakota  
14 and an assessment of flood damage reduction needs of the  
15 area.

16 **SEC. 420. CORPUS CHRISTI, TEXAS.**

17 The Secretary shall include, as part of the study au-  
18 thorized in a resolution of the Committee on Public Works  
19 and Transportation of the House of Representatives,  
20 dated August 1, 1990, a review of two 175-foot-wide barge  
21 shelves on either side of the navigation channel at the Port  
22 of Corpus Christi, Texas.



1 **SEC. 421. MITCHELL'S CUT CHANNEL (CANEY FORK CUT),**  
2 **TEXAS.**

3 The Secretary shall conduct a study to determine the  
4 feasibility of carrying out a project for navigation, Mitch-  
5 ell's Cut Channel (Caney Fork Cut), Texas.

6 **SEC. 422. MOUTH OF COLORADO RIVER, TEXAS.**

7 The Secretary shall conduct a study to determine the  
8 feasibility of carrying out a project for navigation at the  
9 mouth of the Colorado River, Texas, to provide a min-  
10 imum draft navigation channel extending from the Colo-  
11 rado River through Parkers Cut (also known as "Tiger  
12 Island Cut"), or an acceptable alternative, to Matagorda  
13 Bay.

14 **SEC. 423. KANAWHA RIVER, FAYETTE COUNTY, WEST VIR-**  
15 **GINIA.**

16 The Secretary shall conduct a study to determine the  
17 feasibility of developing a public port along the Kanawha  
18 River in Fayette County, West Virginia, at a site known  
19 as "Longacre".

20 **SEC. 424. WEST VIRGINIA PORTS.**

21 The Secretary shall conduct a study to determine the  
22 feasibility of expanding public port development in West  
23 Virginia along the Ohio River and navigable portion of the  
24 Kanawha River from its mouth to river mile 91.0

1 **SEC. 425. GREAT LAKES REGION COMPREHENSIVE STUDY.**

2 (a) STUDY.—The Secretary shall conduct a com-  
3 prehensive study of the Great Lakes region to ensure the  
4 future use, management, and protection of water and re-  
5 lated resources of the Great Lakes basin.

6 (b) REPORT.—Not later than 4 years after the date  
7 of the enactment of this Act, the Secretary shall submit  
8 to the Committee on Transportation and Infrastructure  
9 of the House of Representatives and the Committee on  
10 Environment and Public Works of the Senate a report  
11 that includes the strategic plan for Corps of Engineers  
12 programs in the Great Lakes basin and details of proposed  
13 Corps of Engineers environmental, navigation, and flood  
14 damage reduction projects in the region.

15 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
16 authorized to be appropriated to carry out this section  
17 \$1,000,000 for fiscal years 2000 through 2003.

18 **SEC. 426. NUTRIENT LOADING RESULTING FROM DREDGED**  
19 **MATERIAL DISPOSAL.**

20 (a) STUDY.—The Secretary shall conduct a study of  
21 nutrient loading that occurs as a result of discharges of  
22 dredged material into open-water sites in the Chesapeake  
23 Bay.

24 (b) REPORT.—Not later than 18 months after the  
25 date of the enactment of this Act, the Secretary shall  
26 transmit to Congress a report on the results of the study.

1 **SEC. 427. SANTEE DELTA FOCUS AREA, SOUTH CAROLINA.**

2       The Secretary shall conduct a study of the Santee  
3 Delta focus area, South Carolina, to determine the feasi-  
4 bility of carrying out a project for enhancing wetlands val-  
5 ues and public recreational opportunities in the area.

6 **SEC. 428. DEL NORTE COUNTY, CALIFORNIA.**

7       The Secretary shall undertake and complete a feasi-  
8 bility study for designating a permanent disposal site for  
9 dredged materials from Federal navigation projects in Del  
10 Norte County, California.

11 **SEC. 429. ST. CLAIR RIVER AND LAKE ST. CLAIR, MICHIGAN.**

12       (a) PLAN.—The Secretary, in coordination with State  
13 and local governments and appropriate Federal and pro-  
14 vincial authorities of Canada, shall develop a comprehen-  
15 sive management plan for St. Clair River and Lake St.  
16 Clair. Such plan shall include the following elements:

17           (1) The causes and sources of environmental  
18 degradation.

19           (2) Continuous monitoring of organic, biologi-  
20 cal, metallic, and chemical contamination levels.

21           (3) Timely dissemination of information of such  
22 contamination levels to public authorities, other in-  
23 terested parties, and the public.

24       (b) REPORT.—Not later than 1 year after the date  
25 of the enactment of this Act, the Secretary shall transmit  
26 to Congress a report that includes the plan developed

1 under subsection (a), together with recommendations of  
2 potential restoration measures.

3 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
4 authorized to be appropriated to carry out this section  
5 \$400,000.

6 **SEC. 430. CUMBERLAND COUNTY, TENNESSEE.**

7 The Secretary shall conduct a study to determine the  
8 feasibility of improvements to regional water supplies for  
9 Cumberland County, Tennessee.

10 **TITLE V—MISCELLANEOUS**  
11 **PROVISIONS**

12 **SEC. 501. CORPS ASSUMPTION OF NRCS PROJECTS.**

13 (a) LLAGAS CREEK, CALIFORNIA.—The Secretary is  
14 authorized to complete the remaining reaches of the Nat-  
15 ural Resources Conservation Service’s flood control project  
16 at Llagas Creek, California, undertaken pursuant to sec-  
17 tion 5 of the Watershed Protection and Flood Prevention  
18 Act (16 U.S.C. 1005), substantially in accordance with the  
19 Natural Resources Conservation Service watershed plan  
20 for Llagas Creek, Department of Agriculture, and in ac-  
21 cordance with the requirements of local cooperation as  
22 specified in section 4 of such Act, at a total cost of  
23 \$45,000,000, with an estimated Federal cost of  
24 \$21,800,000 and an estimated non-Federal cost of  
25 \$23,200,000.

1 (b) THORNTON RESERVOIR, COOK COUNTY, ILLI-  
2 NOIS.—

3 (1) IN GENERAL.—The Thornton Reservoir  
4 project, an element of the project for flood control,  
5 Chicagoland Underflow Plan, Illinois, authorized by  
6 section 3(a)(5) of the Water Resources Development  
7 Act of 1988 (102 Stat. 4013), is modified to author-  
8 ize the Secretary to include additional permanent  
9 flood control storage attributable to the Natural Re-  
10 sources Conservation Service Thornton Reservoir  
11 (Structure 84), Little Calumet River Watershed, Illi-  
12 nois, approved under the Watershed Protection and  
13 Flood Prevention Act (16 U.S.C. 1001 et seq.).

14 (2) COST SHARING.—Costs for the Thornton  
15 Reservoir project shall be shared in accordance with  
16 section 103 of the Water Resources Development  
17 Act of 1986 (33 U.S.C. 2213).

18 (3) TRANSITIONAL STORAGE.—The Secretary of  
19 Agriculture may cooperate with non-Federal inter-  
20 ests to provide, on a transitional basis, flood control  
21 storage for the Natural Resources Conservation  
22 Service Thornton Reservoir (Structure 84) in the  
23 west lobe of the Thornton quarry in advance of  
24 Corps' construction.

1           (4) CREDITING.—The Secretary may credit  
2       against the non-Federal share of the Thornton Res-  
3       ervoir project all design, lands, easements, rights-of-  
4       way (as of the date of authorization), and construc-  
5       tion costs incurred by the non-Federal interests be-  
6       fore the signing of the project cooperation agree-  
7       ment.

8           (5) REEVALUATION REPORT.—The Secretary  
9       shall determine the credits authorized by paragraph  
10      (4) that are integral to the Thornton Reservoir  
11      project and the current total project costs based on  
12      a limited reevaluation report.

13 **SEC. 502. CONSTRUCTION ASSISTANCE.**

14      Section 219(e) of the Water Resources Development  
15      Act of 1992 (106 Stat. 4836–4837) is amended by strik-  
16      ing paragraphs (5) and (6) and inserting the following:

17           “(5) \$25,000,000 for the project described in  
18      subsection (c)(2);

19           “(6) \$20,000,000 for the project described in  
20      subsection (c)(9);

21           “(7) \$30,000,000 for the project described in  
22      subsection (c)(16);

23           “(8) \$30,000,000 for the project described in  
24      subsection (c)(17);

1           “(9) \$20,000,000 for the project described in  
2 subsection (c)(19);

3           “(10) \$15,000,000 for the project described in  
4 subsection (c)(20);

5           “(11) \$11,000,000 for the project described in  
6 subsection (c)(21);

7           “(12) \$2,000,000 for the project described in  
8 subsection (c)(22);

9           “(13) \$3,000,000 for the project described in  
10 subsection (c)(23);

11           “(14) \$1,500,000 for the project described in  
12 subsection (c)(24);

13           “(15) \$2,000,000 for the project described in  
14 subsection (c)(25);

15           “(16) \$8,000,000 for the project described in  
16 subsection (c)(26);

17           “(17) \$8,000,000 for the project described in  
18 subsection (c)(27), of which \$3,000,000 shall be  
19 available only for providing assistance for the  
20 Montoursville Regional Sewer Authority, Lycoming  
21 County;

22           “(18) \$10,000,000 for the project described in  
23 subsection (c)(28); and

24           “(19) \$1,000,000 for the project described in  
25 subsection (c)(29).”.

1 **SEC. 503. CONTAMINATED SEDIMENT DREDGING TECH-**  
2 **NOLOGY.**

3 (a) CONTAMINATED SEDIMENT DREDGING  
4 PROJECT.—

5 (1) REVIEW.—The Secretary shall conduct a re-  
6 view of innovative dredging technologies designed to  
7 minimize or eliminate contamination of a water col-  
8 umn upon removal of contaminated sediments. The  
9 Secretary shall complete such review by June 1,  
10 2001.

11 (2) TESTING.—After completion of the review  
12 under paragraph (1), the Secretary shall select the  
13 technology of those reviewed that the Secretary de-  
14 termines will increase the effectiveness of removing  
15 contaminated sediments and significantly reduce  
16 contamination of the water column. Not later than  
17 December 31, 2001, the Secretary shall enter into  
18 an agreement with a public or private entity to test  
19 such technology in the vicinity of Peoria Lakes, Illi-  
20 nois.

21 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
22 authorized to be appropriated to carry out this section  
23 \$2,000,000.



1 **SEC. 504. DAM SAFETY.**

2 (a) ASSISTANCE.—The Secretary is authorized to  
3 provide assistance to enhance dam safety at the following  
4 locations:

5 (1) Healdsburg Veteran’s Memorial Dam, Cali-  
6 fornia.

7 (2) Felix Dam, Pennsylvania.

8 (3) Kehly Run Dam, Pennsylvania.

9 (4) Owl Creek Reservoir, Pennsylvania.

10 (5) Sweet Arrow Lake Dam, Pennsylvania.

11 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
12 authorized to be appropriated \$6,000,000 to carry out this  
13 section.

14 **SEC. 505. GREAT LAKES REMEDIAL ACTION PLANS.**

15 Section 401(a)(2) of the Water Resources Develop-  
16 ment Act of 1990 (110 Stat. 3763) is amended by adding  
17 at the end the following: “Nonprofit public or private enti-  
18 ties may contribute all or a portion of the non-Federal  
19 share.”.

20 **SEC. 506. SEA LAMPREY CONTROL MEASURES IN THE**  
21 **GREAT LAKES.**

22 (a) IN GENERAL.—In conjunction with the Great  
23 Lakes Fishery Commission, the Secretary is authorized to  
24 undertake a program for the control of sea lampreys in  
25 and around waters of the Great Lakes. The program un-  
26 dertaken pursuant to this section may include projects

1 which consist of either structural or nonstructural meas-  
2 ures or a combination thereof.

3 (b) COST SHARING.—Projects carried out under this  
4 section on lands owned by the United States shall be car-  
5 ried out at full Federal expense. The non-Federal share  
6 of the cost of any such project undertaken on lands not  
7 in Federal ownership shall be 35 percent.

8 (c) NON-FEDERAL INTERESTS.—Notwithstanding  
9 section 221(b) of the Flood Control Act of 1970 (42  
10 U.S.C. 1962d–5b(b)), the Secretary, after coordination  
11 with the appropriate State and local government officials  
12 having jurisdiction over an area in which a project under  
13 this section will be carried out, may allow a nonprofit enti-  
14 ty to serve as the non-Federal interest for the project.

15 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
16 authorized to be appropriated to carry out this section  
17 \$2,000,000 for each of fiscal years 2000 through 2005.

18 **SEC. 507. MAINTENANCE OF NAVIGATION CHANNELS.**

19 Section 509(a) of the Water Resources Development  
20 Act of 1996 (110 Stat. 3759) is amended by adding at  
21 the end the following:

22 “(12) Acadiana Navigation Channel, Louisiana.

23 “(13) Contraband Bayou, Louisiana, as part of  
24 the Calcasieu River and Pass Ship Channel.

1           “(14) Lake Wallula Navigation Channel, Wash-  
2           ington.

3           “(15) Wadley Pass (also known as McGriff  
4           Pass), Suwanee River, Florida.”.

5   **SEC. 508. MEASUREMENT OF LAKE MICHIGAN DIVERSIONS.**

6           Section 1142(b) of the Water Resources Development  
7   Act of 1986 (42 U.S.C. 1962d–20 note; 100 Stat. 4253)  
8   is amended by striking “\$250,000” and inserting  
9   “\$1,250,000”.

10   **SEC. 509. UPPER MISSISSIPPI RIVER ENVIRONMENTAL**  
11           **MANAGEMENT PROGRAM.**

12           (a) AUTHORIZED ACTIVITIES.—Section 1103(e)(1) of  
13   the Water Resources Development Act of 1986 (33 U.S.C.  
14   652(e)(1)) is amended—

15           (1) by inserting “and” at the end of subpara-  
16           graph (A);

17           (2) in subparagraph (B) by striking “long-term  
18           resource monitoring program; and” and inserting  
19           “long-term resource monitoring, computerized data  
20           inventory and analysis, and applied research pro-  
21           gram.”; and

22           (3) by striking subparagraph (C) and inserting  
23           the following:

24    “In carrying out subparagraph (A), the Secretary shall es-  
25    tablish an independent technical advisory committee to re-

1 view projects, monitoring plans, and habitat and natural  
2 resource needs assessments.”.

3 (b) REPORTS.—Section 1103(e)(2) of such Act (33  
4 U.S.C. 652(e)(2)) is amended to read as follows:

5 “(2) REPORTS.—Not later than December 31,  
6 2004, and not later than December 31st of every  
7 sixth year thereafter, the Secretary, in consultation  
8 with the Secretary of the Interior and the States of  
9 Illinois, Iowa, Minnesota, Missouri, and Wisconsin,  
10 shall transmit to Congress a report that—

11 “(A) contains an evaluation of the pro-  
12 grams described in paragraph (1);

13 “(B) describes the accomplishments of  
14 each of such programs;

15 “(C) provides updates of a systemic habi-  
16 tat needs assessment; and

17 “(D) identifies any needed adjustments in  
18 the authorization.”.

19 (c) AUTHORIZATION OF APPROPRIATIONS.—Section  
20 1103(e) of such Act (33 U.S.C. 652(e)) is amended—

21 (1) in paragraph (3) by striking “not to ex-  
22 ceed” and all that follows before the period at the  
23 end and inserting “\$22,750,000 for fiscal year 1999  
24 and each fiscal year thereafter”;

1           (2) in paragraph (4) by striking “not to ex-  
2       ceed” and all that follows before the period at the  
3       end and inserting “\$10,420,000 for fiscal year 1999  
4       and each fiscal year thereafter”; and

5           (3) by striking paragraph (5) and inserting the  
6       following:

7           “(5) AUTHORIZATION OF APPROPRIATIONS.—  
8       There is authorized to be appropriated to carry out  
9       paragraph (1)(A) \$350,000 for each of fiscal years  
10      1999 through 2009.”.

11      (d) TRANSFER OF AMOUNTS.—Section 1103(e)(6) of  
12      such Act is amended to read as follows:

13           “(6) TRANSFER OF AMOUNTS.—For fiscal year  
14      1999, and each fiscal year thereafter, the Secretary,  
15      in consultation with the Secretary of the Interior  
16      and the States of Illinois, Iowa, Minnesota, Missouri,  
17      and Wisconsin, may transfer not to exceed 20 per-  
18      cent of the amounts appropriated to carry out sub-  
19      paragraph (A) or (B) of paragraph (1) to the  
20      amounts appropriated to carry out the other of such  
21      subparagraphs.”.

22      (e) HABITAT NEEDS ASSESSMENT.—Section  
23      1103(h)(2) of such Act (33 U.S.C. 652(h)(2)) is amended  
24      by adding at the end the following: “The Secretary shall  
25      complete the on-going habitat needs assessment conducted

1 under this paragraph not later than September 30, 2000,  
2 and shall include in each report required by subsection  
3 (e)(2) the most recent habitat needs assessment conducted  
4 under this paragraph.”.

5 (f) CONFORMING AMENDMENTS.—Section 1103 of  
6 such Act (33 U.S.C. 652) is amended—

7 (1) in subsection (e)(7) by striking “paragraphs  
8 (1)(B) and (1)(C)” and inserting “paragraph  
9 (1)(B)”;

10 (2) in subsection (f)(2)—

11 (A) by striking “(2)(A)” and inserting  
12 “(2)”;

13 (B) by striking subparagraph (B).

14 **SEC. 510. ATLANTIC COAST OF NEW YORK MONITORING.**

15 Section 404(c) of the Water Resources Development  
16 Act of 1992 (106 Stat. 4863) is amended by striking  
17 “1993, 1994, 1995, 1996, and 1997” and inserting “1993  
18 through 2003”.

19 **SEC. 511. WATER CONTROL MANAGEMENT.**

20 (a) IN GENERAL.—In evaluating potential improve-  
21 ments for water control management activities and con-  
22 solidation of water control management centers, the Sec-  
23 retary may consider a regionalized water control manage-  
24 ment plan but may not implement such a plan until the

1 date on which a report is transmitted under subsection  
2 (b).

3 (b) REPORT.—Not later than 180 days after the date  
4 of the enactment of this Act, the Secretary shall transmit  
5 to the Committee on Transportation and Infrastructure  
6 and the Committee on Appropriations of the House of  
7 Representatives and the Committee on Environment and  
8 Public Works and the Committee on Appropriations of the  
9 Senate a report containing the following:

10 (1) A description of the primary objectives of  
11 streamlining water control management activities.

12 (2) A description of the benefits provided by  
13 streamlining water control management activities  
14 through consolidation of centers for such activities.

15 (3) A determination of whether or not benefits  
16 to users of regional water control management cen-  
17 ters will be retained in each district office of the  
18 Corps of Engineers that does not have a regional  
19 center.

20 (4) A determination of whether or not users of  
21 such regional centers will receive a higher level of  
22 benefits from streamlining water management con-  
23 trol management activities.

24 (5) A list of the Members of Congress who rep-  
25 resent a district that currently includes a water con-

1 trol management center that is to be eliminated  
2 under a proposed regionalized plan.

3 **SEC. 512. BENEFICIAL USE OF DREDGED MATERIAL.**

4 The Secretary is authorized to carry out the following  
5 projects under section 204 of the Water Resources Devel-  
6 opment Act of 1992 (33 U.S.C. 2326):

7 (1) BODEGA BAY, CALIFORNIA.—A project to  
8 make beneficial use of dredged materials from a  
9 Federal navigation project in Bodega Bay, Cali-  
10 fornia.

11 (2) SABINE REFUGE, LOUISIANA.—A project to  
12 make beneficial use of dredged materials from Fed-  
13 eral navigation projects in the vicinity of Sabine Ref-  
14 uge, Louisiana.

15 (3) HANCOCK, HARRISON, AND JACKSON COUN-  
16 TIES, MISSISSIPPI.—A project to make beneficial use  
17 of dredged material from a Federal navigation  
18 project in Hancock, Harrison, and Jackson Coun-  
19 ties, Mississippi.

20 (4) ROSE CITY MARSH, ORANGE COUNTY,  
21 TEXAS.—A project to make beneficial use of dredged  
22 material from a Federal navigation project in Rose  
23 City Marsh, Orange County, Texas.

24 (5) BESSIE HEIGHTS MARSH, ORANGE COUNTY,  
25 TEXAS.—A project to make beneficial use of dredged



1 material from a Federal navigation project in Bessie  
2 Heights Marsh, Orange County, Texas.

3 **SEC. 513. DESIGN AND CONSTRUCTION ASSISTANCE.**

4 Section 507(2) of the Water Resources Development  
5 Act of 1996 (110 Stat. 3758) is amended to read as fol-  
6 lows:

7 “(2) Expansion and improvement of Long Pine  
8 Run Dam and associated water infrastructure in ac-  
9 cordance with the requirements of subsections (b)  
10 through (e) of section 313 of the Water Resources  
11 Development Act of 1992 (106 Stat. 4845) at a  
12 total cost of \$20,000,000.”.

13 **SEC. 514. LOWER MISSOURI RIVER AQUATIC RESTORATION**  
14 **PROJECTS.**

15 (a) IN GENERAL.—Not later than 1 year after funds  
16 are made available for such purposes, the Secretary shall  
17 complete a comprehensive report—

18 (1) identifying a general implementation strat-  
19 egy and overall plan for environmental restoration  
20 and protection along the Lower Missouri River be-  
21 tween Gavins Point Dam and the confluence of the  
22 Missouri and Mississippi Rivers; and

23 (2) recommending individual environmental res-  
24 toration projects that can be considered by the Sec-  
25 retary for implementation under section 206 of the

1 Water Resources Development Act of 1996 (33  
2 U.S.C. 2330; 110 Stat. 3679–3680).

3 (b) SCOPE OF PROJECTS.—Any environmental res-  
4 toration projects recommended under subsection (a) shall  
5 provide for such activities and measures as the Secretary  
6 determines to be necessary to protect and restore fish and  
7 wildlife habitat without adversely affecting private prop-  
8 erty rights or water related needs of the region sur-  
9 rounding the Missouri River, including flood control, navi-  
10 gation, and enhancement of water supply, and shall in-  
11 clude some or all of the following components:

12 (1) Modification and improvement of navigation  
13 training structures to protect and restore fish and  
14 wildlife habitat.

15 (2) Modification and creation of side channels  
16 to protect and restore fish and wildlife habitat.

17 (3) Restoration and creation of fish and wildlife  
18 habitat.

19 (4) Physical and biological monitoring for eval-  
20 uating the success of the projects.

21 (c) COORDINATION.—To the maximum extent prac-  
22 ticable, the Secretary shall integrate projects carried out  
23 in accordance with this section with other Federal, tribal,  
24 and State restoration activities.

1 (d) COST SHARING.—The report under subsection (a)  
2 shall be undertaken at full Federal expense.

3 **SEC. 515. AQUATIC RESOURCES RESTORATION IN THE**  
4 **NORTHWEST.**

5 (a) IN GENERAL.—In cooperation with other Federal  
6 agencies, the Secretary is authorized to develop and imple-  
7 ment projects for fish screens, fish passage devices, and  
8 other similar measures agreed to by non-Federal interests  
9 and relevant Federal agencies to mitigate adverse impacts  
10 associated with irrigation system water diversions by local  
11 governmental entities in the States of Oregon, Wash-  
12 ington, Montana, and Idaho.

13 (b) PROCEDURE AND PARTICIPATION.—

14 (1) CONSULTATION REQUIREMENT; USE OF EX-  
15 ISTING DATA.—In providing assistance under sub-  
16 section (a), the Secretary shall consult with other  
17 Federal, State, and local agencies and make max-  
18 imum use of data and studies in existence on the  
19 date of the enactment of this Act.

20 (2) PARTICIPATION BY NON-FEDERAL INTER-  
21 ESTS.—Participation by non-Federal interests in  
22 projects under this section shall be voluntary. The  
23 Secretary shall not take any action under this sec-  
24 tion that will result in a non-Federal interest being  
25 held financially responsible for an action under a

1 project unless the non-Federal interest has volun-  
2 tarily agreed to participate in the project.

3 (c) COST SHARING.—Projects carried out under this  
4 section on lands owned by the United States shall be car-  
5 ried out at full Federal expense. The non-Federal share  
6 of the cost of any such project undertaken on lands not  
7 in Federal ownership shall be 35 percent.

8 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
9 authorized to be appropriated to carry out this section  
10 \$10,000,000 for fiscal years beginning after September  
11 30, 1999.

12 **SEC. 516. INNOVATIVE TECHNOLOGIES FOR WATERSHED**  
13 **RESTORATION.**

14 The Secretary shall use, and encourage the use of,  
15 innovative treatment technologies, including membrane  
16 technologies, for watershed and environmental restoration  
17 and protection projects involving water quality.

18 **SEC. 517. ENVIRONMENTAL RESTORATION.**

19 (a) ATLANTA, GEORGIA.—Section 219(c)(2) of the  
20 Water Resources Development Act of 1992 (106 Stat.  
21 4835) is amended by inserting before the period “and wa-  
22 tershed restoration and development in the regional At-  
23 lanta watershed, including Big Creek and Rock Creek”.

1 (b) PATERSON AND PASSAIC VALLEY, NEW JER-  
2 SEY.—Section 219(c)(9) of such Act (106 Stat. 4836) is  
3 amended to read as follows:

4 “(9) PATERSON, PASSAIC COUNTY, AND PAS-  
5 SAIC VALLEY, NEW JERSEY.—Drainage facilities to  
6 alleviate flooding problems on Getty Avenue in the  
7 vicinity of St. Joseph’s Hospital for the City of  
8 Paterson, New Jersey, and Passaic County, New  
9 Jersey, and innovative facilities to manage and treat  
10 additional flows in the Passaic Valley, Passaic River  
11 basin, New Jersey.”.

12 (c) NASHUA, NEW HAMPSHIRE.—Section 219(c) of  
13 such Act is amended by adding at the end the following:

14 “(19) NASHUA, NEW HAMPSHIRE.—A sewer  
15 and drainage system separation and rehabilitation  
16 program for Nashua, New Hampshire.”.

17 (d) FALL RIVER AND NEW BEDFORD, MASSACHU-  
18 SETTS.—Section 219(c) of such Act is further amended  
19 by adding at the end the following:

20 “(20) FALL RIVER AND NEW BEDFORD, MASSA-  
21 CHUSETTS.—Elimination or control of combined  
22 sewer overflows in the cities of Fall River and New  
23 Bedford, Massachusetts.”.

1 (e) ADDITIONAL PROJECT DESCRIPTIONS.—Section  
2 219(c) of such Act is further amended by adding at the  
3 end the following:

4 “(21) FINDLAY TOWNSHIP, PENNSYLVANIA.—  
5 Water and sewer lines in Findlay Township, Alle-  
6 gheny County, Pennsylvania.

7 “(22) DILLSBURG BOROUGH AUTHORITY,  
8 PENNSYLVANIA.—Water and sewer systems in  
9 Franklin Township, York County, Pennsylvania.

10 “(23) HAMPTON TOWNSHIP, PENNSYLVANIA.—  
11 Water, sewer, and stormsewer improvements in  
12 Hampton Township, Cumberland County, Pennsyl-  
13 vania.

14 “(24) TOWAMENCIN TOWNSHIP, PENNSYL-  
15 VANIA.—Sanitary sewer and water lines in  
16 Towamencin Township, Montgomery County, Penn-  
17 sylvania.

18 “(25) DAUPHIN COUNTY, PENNSYLVANIA.—  
19 Combined sewer and water system rehabilitation for  
20 the City of Harrisburg, Dauphin County, Pennsyl-  
21 vania.

22 “(26) LEE, NORTON, WISE, AND SCOTT COUN-  
23 TIES, VIRGINIA.—Water supply and wastewater  
24 treatment in Lee, Norton, Wise, and Scott Counties,  
25 Virginia.

1           “(27) NORTHEAST PENNSYLVANIA.—Water-re-  
2       lated infrastructure in Lackawanna, Lycoming, Sus-  
3       quehanna, Wyoming, Pike, and Monroe Counties,  
4       Pennsylvania, including assistance for the  
5       Montoursville Regional Sewer Authority, Lycoming  
6       County.

7           “(28) CALUMET REGION, INDIANA.—Water-re-  
8       lated infrastructure in Lake and Porter Counties,  
9       Indiana.

10          “(29) CLINTON COUNTY, PENNSYLVANIA.—  
11       Water-related infrastructure in Clinton County,  
12       Pennsylvania.”.

13 **SEC. 518. EXPEDITED CONSIDERATION OF CERTAIN**  
14 **PROJECTS.**

15       The Secretary shall expedite completion of the re-  
16       ports for the following projects and proceed directly to  
17       project planning, engineering, and design:

18           (1) Arroyo Pasajero, San Joaquin River basin,  
19       California, project for flood control.

20           (2) Success Dam, Tule River, California,  
21       project for flood control and water supply.

22           (3) Alafia Channel, Tampa Harbor, Florida,  
23       project for navigation.

24           (4) Columbia Slough, Portland, Oregon, project  
25       for ecosystem restoration.

1 (5) Ohio River Greenway, Indiana, project for  
2 environmental restoration and recreation.

3 **SEC. 519. DOG RIVER, ALABAMA.**

4 (a) IN GENERAL.—The Secretary is authorized to es-  
5 tablish, in cooperation with non-Federal interests, a pilot  
6 project to restore natural water depths in the Dog River,  
7 Alabama, between its mouth and the Interstate Route 10  
8 crossing, and in the downstream portion of its principal  
9 tributaries.

10 (b) FORM OF ASSISTANCE.—Assistance provided  
11 under subsection (a) shall be in the form of design and  
12 construction of water-related resource protection and de-  
13 velopment projects affecting the Dog River, including envi-  
14 ronmental restoration and recreational navigation.

15 (c) NON-FEDERAL SHARE.—The non-Federal share  
16 of the cost of the project carried out with assistance under  
17 this section shall be 90 percent.

18 (d) LANDS, EASEMENTS, AND RIGHTS-OF-WAY.—  
19 The non-Federal sponsor provide all lands, easements,  
20 rights of way, relocations, and dredged material disposal  
21 areas including retaining dikes required for the project.

22 (e) OPERATION MAINTENANCE.—The non-Federal  
23 share of the cost of operation, maintenance, repair, re-  
24 placement, or rehabilitation of the project carried out with  
25 assistance under this section shall be 100 percent.



1 (f) CREDIT TOWARD NON-FEDERAL SHARE.—The  
2 value of the lands, easements, rights of way, relocations,  
3 and dredged material disposal areas, including retaining  
4 dikes, provided by the non-Federal sponsor shall be cred-  
5 ited toward the non-Federal share.

6 **SEC. 520. ELBA, ALABAMA.**

7 The Secretary is authorized to repair and rehabilitate  
8 a levee in the City of Elba, Alabama at a total cost of  
9 \$12,900,000.

10 **SEC. 521. GENEVA, ALABAMA.**

11 The Secretary is authorized to repair and rehabilitate  
12 a levee in the City of Geneva, Alabama at a total cost  
13 of \$16,600,000.

14 **SEC. 522. NAVAJO RESERVATION, ARIZONA, NEW MEXICO,**  
15 **AND UTAH.**

16 (a) IN GENERAL.—In cooperation with other appro-  
17 priate Federal and local agencies, the Secretary shall un-  
18 dertake a survey of, and provide technical, planning, and  
19 design assistance for, watershed management, restoration,  
20 and development on the Navajo Indian Reservation, Ari-  
21 zona, New Mexico, and Utah.

22 (b) COST SHARING.—The Federal share of the cost  
23 of activities carried out under this section shall be 75 per-  
24 cent. Funds made available under the Indian Self-Deter-  
25 mination and Education Assistance Act (25 U.S.C. 450

1 et seq.) may be used by the Navajo Nation in meeting  
2 the non-Federal share of the cost of such activities.

3 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
4 authorized to be appropriated to carry out this section  
5 \$12,000,000 for fiscal years beginning after September  
6 30, 1999.

7 **SEC. 523. AUGUSTA AND DEVALLS BLUFF, ARKANSAS.**

8 (a) IN GENERAL.—The Secretary is authorized to  
9 perform operations, maintenance, and rehabilitation on 37  
10 miles of levees in and around Augusta and Devalls Bluff,  
11 Arkansas.

12 (b) REIMBURSEMENT.—After performing the oper-  
13 ations, maintenance, and rehabilitation under subsection  
14 (a), the Secretary may seek reimbursement from the Sec-  
15 retary of the Interior of an amount equal to the costs allo-  
16 cated to benefits to a Federal wildlife refuge of such oper-  
17 ations, maintenance, and rehabilitation.

18 **SEC. 524. BEAVER LAKE, ARKANSAS.**

19 (a) WATER SUPPLY STORAGE REALLOCATION.—The  
20 Secretary shall reallocate approximately 31,000 additional  
21 acre-feet at Beaver Lake, Arkansas, to water supply stor-  
22 age at no additional cost to the Beaver Water District or  
23 the Carroll-Boone Water District above the amount that  
24 has already been contracted for. At no time may the bot-

1 tom of the conservation pool be at an elevation that is  
2 less than 1,076 feet NGVD.

3 (b) CONTRACT PRICING.—The contract price for ad-  
4 ditional storage for the Carroll-Boone Water District be-  
5 yond that which is provided for in subsection (a) shall be  
6 based on the original construction cost of Beaver Lake and  
7 adjusted to the 1998 price level net of inflation between  
8 the date of initiation of construction and the date of the  
9 enactment of this Act.

10 **SEC. 525. BEAVER LAKE TROUT PRODUCTION FACILITY, AR-**  
11 **KANSAS.**

12 (a) EXPEDITED CONSTRUCTION.—The Secretary  
13 shall construct, under the authority of section 105 of the  
14 Water Resources Development Act of 1976 (90 Stat.  
15 2921) and section 1135 of the Water Resources Develop-  
16 ment Act of 1986 (100 Stat. 4251–4252), the Beaver  
17 Lake trout hatchery as expeditiously as possible, but in  
18 no event later than September 30, 2002.

19 (b) MITIGATION PLAN.—Not later than 2 years after  
20 the date of the enactment of this Act, the Secretary, in  
21 conjunction with the State of Arkansas, shall prepare a  
22 plan for the mitigation of effects of the Beaver Dam  
23 project on Beaver Lake. Such plan shall provide for con-  
24 struction of the Beaver Lake trout production facility and  
25 related facilities.

1 **SEC. 526. CHINO DAIRY PRESERVE, CALIFORNIA.**

2 (a) TECHNICAL ASSISTANCE.—The Secretary, in co-  
3 ordination with the heads of other Federal agencies, shall  
4 provide technical assistance to State and local agencies in  
5 the study, design, and implementation of measures for  
6 flood damage reduction and environmental restoration and  
7 protection in the Santa Ana River watershed, California,  
8 with particular emphasis on structural and nonstructural  
9 measures in the vicinity of the Chino Dairy Preserve.

10 (b) COMPREHENSIVE STUDY.—The Secretary shall  
11 conduct a feasibility study to determine the most cost-ef-  
12 fective plan for flood damage reduction and environmental  
13 restoration and protection in the vicinity of the Chino  
14 Dairy Preserve, Santa Ana River watershed, Orange  
15 County and San Bernardino County, California.

16 **SEC. 527. NOVATO, CALIFORNIA.**

17 The Secretary shall carry out a project for flood con-  
18 trol under section 205 of the Flood Control Act of 1948  
19 (33 U.S.C. 701s) at Rush Creek, Novato, California.

20 **SEC. 528. ORANGE AND SAN DIEGO COUNTIES, CALIFORNIA.**

21 The Secretary, in cooperation with local governments,  
22 may prepare special area management plans in Orange  
23 and San Diego Counties, California, to demonstrate the  
24 effectiveness of using such plans to provide information  
25 regarding aquatic resources. The Secretary may use such

1 plans in making regulatory decisions and issue permits  
2 consistent with such plans.

3 **SEC. 529. SALTON SEA, CALIFORNIA.**

4 (a) TECHNICAL ASSISTANCE.—The Secretary, in co-  
5 ordination with other Federal agencies, shall provide tech-  
6 nical assistance to Federal, State, and local agencies in  
7 the study, design, and implementation of measures for the  
8 environmental restoration and protection of the Salton  
9 Sea, California.

10 (b) STUDY.—The Secretary, in coordination with  
11 other Federal, State, and local agencies, shall conduct a  
12 study to determine the most effective plan for the Corps  
13 of Engineers to assist in the environmental restoration  
14 and protection of the Salton Sea, California.

15 **SEC. 530. SANTA CRUZ HARBOR, CALIFORNIA.**

16 The Secretary is authorized to modify the cooperative  
17 agreement with the Santa Cruz Port District, California,  
18 to reflect unanticipated additional dredging effort and to  
19 extend such agreement for 10 years.

20 **SEC. 531. POINT BEACH, MILFORD, CONNECTICUT.**

21 (a) MAXIMUM FEDERAL EXPENDITURE.—The max-  
22 imum amount of Federal funds that may be expended for  
23 the project for hurricane and storm damage reduction,  
24 Point Beach, Milford, Connecticut, shall be \$3,000,000.

1 (b) REVISION OF PROJECT COOPERATION AGREE-  
2 MENT.—The Secretary shall revise the project cooperation  
3 agreement for the project referred to in subsection (a) to  
4 take into account the change in the Federal participation  
5 in such project.

6 (c) COST SHARING.—Nothing in this section shall be  
7 construed to affect any cost-sharing requirement applica-  
8 ble to the project referred to in subsection (a) under sec-  
9 tion 101 of the Water Resources Development Act of 1986  
10 (31 U.S.C. 2211).

11 **SEC. 532. LOWER ST. JOHNS RIVER BASIN, FLORIDA.**

12 (a) COMPUTER MODEL.—

13 (1) IN GENERAL.—The Secretary may apply  
14 the computer model developed under the St. Johns  
15 River basin feasibility study to assist non-Federal in-  
16 terests in developing strategies for improving water  
17 quality in the Lower St. Johns River basin, Florida.

18 (2) COST SHARING.—The non-Federal share of  
19 the cost of assistance provided under this subsection  
20 shall be 50 percent.

21 (b) TOPOGRAPHIC SURVEY.—The Secretary is au-  
22 thorized to provide 1-foot contour topographic survey  
23 maps of the Lower St. Johns River basin, Florida, to non-  
24 Federal interests for analyzing environmental data and es-  
25 tablishing benchmarks for subbasins.

1 **SEC. 533. SHORELINE PROTECTION AND ENVIRONMENTAL**  
2 **RESTORATION, LAKE ALLATOONA, GEORGIA.**

3 (a) IN GENERAL.—The Secretary, in cooperation  
4 with the Administrator of the Environmental Protection  
5 Agency, is authorized to carry out the following water-re-  
6 lated environmental restoration and resource protection  
7 activities to restore Lake Allatoona and the Etowah River  
8 in Georgia:

9 (1) LAKE ALLATOONA/ETOWAH RIVER SHORE-  
10 LINE RESTORATION DESIGN.—Develop pre-construc-  
11 tion design measures to alleviate shoreline erosion  
12 and sedimentation problems.

13 (2) LITTLE RIVER ENVIRONMENTAL RESTORA-  
14 TION.—Conduct a feasibility study to evaluate envi-  
15 ronmental problems and recommend environmental  
16 infrastructure restoration measures for the Little  
17 River within Lake Allatoona, Georgia.

18 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
19 authorized to be appropriated for fiscal years beginning  
20 after September 30, 1999—

21 (1) \$850,000 to carry out subsection (a)(1);  
22 and

23 (2) \$250,000 to carry out subsection (a)(2).

1 **SEC. 534. MAYO'S BAR LOCK AND DAM, COOSA RIVER,**  
2 **ROME, GEORGIA.**

3 The Secretary is authorized to provide technical as-  
4 sistance, including planning, engineering, and design as-  
5 sistance, for the reconstruction of the Mayo's Bar Lock  
6 and Dam, Coosa River, Rome, Georgia. The non-Federal  
7 share of assistance under this section shall be 50 percent.

8 **SEC. 535. COMPREHENSIVE FLOOD IMPACT RESPONSE**  
9 **MODELING SYSTEM, CORALVILLE RES-**  
10 **ERVOIR AND IOWA RIVER WATERSHED, IOWA.**

11 (a) IN GENERAL.—The Secretary, in cooperation  
12 with the University of Iowa, shall conduct a study and  
13 develop a Comprehensive Flood Impact Response Mod-  
14 eling System for Coralville Reservoir and the Iowa River  
15 watershed, Iowa.

16 (b) CONTENTS OF STUDY.—The study shall  
17 include—

18 (1) an evaluation of the combined hydrologic,  
19 geomorphic, environmental, economic, social, and  
20 recreational impacts of operating strategies within  
21 the Iowa River watershed;

22 (2) development of an integrated, dynamic flood  
23 impact model; and

24 (3) development of a rapid response system to  
25 be used during flood and other emergency situations.



1 (c) REPORT TO CONGRESS.—Not later than 5 years  
2 after the date of the enactment of this Act, the Secretary  
3 shall transmit to Congress a report containing the results  
4 of the study and modeling system together with such rec-  
5 ommendations as the Secretary determines to be appro-  
6 priate.

7 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
8 authorized to be appropriated to carry out this section  
9 \$900,000 for each of fiscal years 2000 through 2004.

10 **SEC. 536. ADDITIONAL CONSTRUCTION ASSISTANCE IN IL-**  
11 **LINOIS.**

12 The Secretary may carry out the project for George-  
13 town, Illinois, and the project for Olney, Illinois, referred  
14 to in House Report Number 104–741, accompanying Pub-  
15 lic Law 104–182.

16 **SEC. 537. KANOPOLIS LAKE, KANSAS.**

17 (a) WATER STORAGE.—The Secretary shall offer to  
18 the State of Kansas the right to purchase water storage  
19 in Kanopolis Lake, Kansas, at a price calculated in ac-  
20 cordance with and in a manner consistent with the terms  
21 of the memorandum of understanding entitled “Memo-  
22 randum of Understanding Between the State of Kansas  
23 and the U.S. Department of the Army Concerning the  
24 Purchase of Municipal and Industrial Water Supply Stor-  
25 age”, dated December 11, 1985.

1 (b) EFFECTIVE DATE.—For the purposes of this sec-  
2 tion, the effective date of that memorandum of under-  
3 standing shall be deemed to be the date of the enactment  
4 of this Act.

5 **SEC. 538. SOUTHERN AND EASTERN KENTUCKY.**

6 Section 531(h) of the Water Resources Development  
7 Act of 1996 (110 Stat. 3774) is amended by striking  
8 “\$10,000,000” and inserting “\$25,000,000”.

9 **SEC. 539. SOUTHEAST LOUISIANA.**

10 Section 533(c) of the Water Resources Development  
11 Act of 1996 (110 Stat. 3775) is amended by striking  
12 “\$100,000,000” and inserting “\$200,000,000”.

13 **SEC. 540. SNUG HARBOR, MARYLAND.**

14 (a) IN GENERAL.—The Secretary, in coordination  
15 with the Director of the Federal Emergency Management  
16 Agency, is authorized—

17 (1) to provide technical assistance to the resi-  
18 dents of Snug Harbor, in the vicinity of Berlin,  
19 Maryland, for purposes of flood damage reduction;

20 (2) to conduct a study of a project for non-  
21 structural measures for flood damage reduction in  
22 the vicinity of Snug Harbor, Maryland, taking into  
23 account the relationship of both the Ocean City Inlet  
24 and Assateague Island to the flooding; and

1           (3) after completion of the study, to carry out  
2           the project under the authority of section 205 of the  
3           Flood Control Act of 1948 (33 U.S.C. 701s).

4           (b) FEMA ASSISTANCE.—The Director, in coordina-  
5           tion with the Secretary and under the authorities of the  
6           Robert T. Stafford Disaster Relief and Emergency Assist-  
7           ance Act (42 U.S.C. 5121 note), may provide technical  
8           assistance and nonstructural measures for flood damage  
9           mitigation in the vicinity of Snug Harbor, Maryland.

10          (c) FEDERAL SHARE.—The Federal share of the cost  
11          of assistance under this section shall not exceed  
12          \$3,000,000. The non-Federal share of such cost shall be  
13          determined in accordance with the Water Resources De-  
14          velopment Act of 1986 or the Robert T. Stafford Disaster  
15          Relief and Emergency Assistance Act, as appropriate.

16       **SEC. 541. WELCH POINT, ELK RIVER, CECIL COUNTY, AND**  
17                               **CHESAPEAKE CITY, MARYLAND.**

18          (a) SPILLAGE OF DREDGED MATERIALS.—The Sec-  
19          retary shall carry out a study to determine if the spillage  
20          of dredged materials that were removed as part of the  
21          project for navigation, Inland Waterway from Delaware  
22          River to Chesapeake Bay, Delaware and Maryland, au-  
23          thorized by the first section of the Act of August 30, 1935  
24          (49 Stat. 1030), is a significant impediment to vessels  
25          transiting the Elk River near Welch Point, Maryland. If

1 the Secretary determines that the spillage is an impedi-  
2 ment to navigation, the Secretary may conduct such  
3 dredging as may be required to permit navigation on the  
4 river.

5 (b) DAMAGE TO WATER SUPPLY.—The Secretary  
6 shall carry out a study to determine if additional com-  
7 pensation is required to fully compensate the City of  
8 Chesapeake, Maryland, for damage to the city's water sup-  
9 ply resulting from dredging of the Chesapeake and Dela-  
10 ware Canal project. If the Secretary determines that such  
11 additional compensation is required, the Secretary may  
12 provide the compensation to the City of Chesapeake.

13 **SEC. 542. WEST VIEW SHORES, CECIL COUNTY, MARYLAND.**

14 Not later than 1 year after the date of the enactment  
15 of this Act, the Secretary shall carry out an investigation  
16 of the contamination of the well system in West View  
17 Shores, Cecil County, Maryland. If the Secretary deter-  
18 mines that the disposal site from any Federal navigation  
19 project has contributed to the contamination of the wells,  
20 the Secretary may provide alternative water supplies, in-  
21 cluding replacement of wells, at full Federal expense.

22 **SEC. 543. RESTORATION PROJECTS FOR MARYLAND, PENN-**  
23 **SYLVANIA, AND WEST VIRGINIA.**

24 Section 539 of the Water Resources Development Act  
25 of 1996 (110 Stat. 3776–3777) is amended—

1 (1) in subsection (a)(1) by striking “technical”;

2 (2) in subsection (a)(1) by inserting “(or in the  
3 case of projects located on lands owned by the  
4 United States, to Federal interests)” after “inter-  
5 ests”;

6 (3) in subsection (a)(3) by inserting “or in con-  
7 junction” after “consultation”; and

8 (4) by inserting at the end of subsection (d) the  
9 following: “Funds authorized to be appropriated to  
10 carry out section 340 of the Water Resources Devel-  
11 opment Act of 1992 (106 Stat. 4856) are authorized  
12 for projects undertaken under subsection  
13 (a)(1)(B).”.

14 **SEC. 544. CAPE COD CANAL RAILROAD BRIDGE, BUZZARDS**  
15 **BAY, MASSACHUSETTS.**

16 (a) **ALTERNATIVE TRANSPORTATION.**—The Sec-  
17 retary is authorized to provide up to \$300,000 for alter-  
18 native transportation that may arise as a result of the op-  
19 eration, maintenance, repair, and rehabilitation of the  
20 Cape Cod Canal Railroad Bridge.

21 (b) **OPERATION AND MAINTENANCE CONTRACT RE-**  
22 **NEGOTIATION.**—Not later than 60 days after the date of  
23 the enactment of this Act, the Secretary shall enter into  
24 negotiation with the owner of the railroad right-of-way for  
25 the Cape Cod Canal Railroad Bridge for the purpose of

1 establishing the rights and responsibilities for the operation  
2 and maintenance of the Bridge. The Secretary is author-  
3 ized to include in any new contract the termination of the  
4 prior contract numbered ER-W175-ENG-1.

5 **SEC. 545. ST. LOUIS, MISSOURI.**

6 (a) DEMONSTRATION PROJECT.—The Secretary, in  
7 consultation with local officials, shall conduct a dem-  
8 onstration project to improve water quality in the vicinity  
9 of St. Louis, Missouri.

10 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
11 authorized to be appropriated \$1,700,000 to carry out this  
12 section.

13 **SEC. 546. BEAVER BRANCH OF BIG TIMBER CREEK, NEW**  
14 **JERSEY.**

15 Upon request of the State of New Jersey or a political  
16 subdivision thereof, the Secretary may compile and dis-  
17 seminate information on floods and flood damages, includ-  
18 ing identification of areas subject to inundation by floods,  
19 and provide technical assistance regarding floodplain man-  
20 agement for Beaver Branch of Big Timber Creek, New  
21 Jersey.

22 **SEC. 547. LAKE ONTARIO AND ST. LAWRENCE RIVER WATER**  
23 **LEVELS, NEW YORK.**

24 Upon request, the Secretary shall provide technical  
25 assistance to the International Joint Commission and the

1 St. Lawrence River Board of Control in undertaking stud-  
2 ies on the effects of fluctuating water levels on the natural  
3 environment, recreational boating, property flooding, and  
4 erosion along the shorelines of Lake Ontario and the St.  
5 Lawrence River in New York. The Commission and Board  
6 are encouraged to conduct such studies in a comprehensive  
7 and thorough manner before implementing any change to  
8 water regulation Plan 1958–D.

9 **SEC. 548. NEW YORK-NEW JERSEY HARBOR, NEW YORK AND**  
10 **NEW JERSEY.**

11 The Secretary may enter into cooperative agreements  
12 with non-Federal interests to investigate, develop, and  
13 support measures for sediment management and reduction  
14 of contaminant sources which affect navigation in the Port  
15 of New York-New Jersey and the environmental condi-  
16 tions of the New York-New Jersey Harbor estuary. Such  
17 investigation shall include an analysis of the economic and  
18 environmental benefits and costs of potential sediment  
19 management and contaminant reduction measures.

20 **SEC. 549. SEA GATE REACH, CONEY ISLAND, NEW YORK,**  
21 **NEW YORK.**

22 The Secretary is authorized to construct a project for  
23 shoreline protection which includes a beachfill with revet-  
24 ment and T-groin for the Sea Gate Reach on Coney Is-  
25 land, New York, as identified in the March 1998 report

1 prepared for the Corps of Engineers, New York District,  
2 entitled “Field Data Gathering, Project Performance  
3 Analysis and Design Alternative Solutions to Improve  
4 Sandfill Retention”, at a total cost of \$9,000,000, with  
5 an estimated Federal cost of \$5,850,000 and an estimated  
6 non-Federal cost of \$3,150,000.

7 **SEC. 550. WOODLAWN, NEW YORK.**

8 (a) IN GENERAL.—The Secretary shall provide plan-  
9 ning, design, and other technical assistance to non-Federal  
10 interests for identifying and mitigating sources of con-  
11 tamination at Woodlawn Beach in Woodlawn, New York.

12 (b) COST SHARING.—The non-Federal share of the  
13 cost of assistance provided under this section shall be 50  
14 percent.

15 **SEC. 551. FLOODPLAIN MAPPING, NEW YORK.**

16 (a) IN GENERAL.—The Secretary shall provide as-  
17 sistance for a project to develop maps identifying 100- and  
18 500-year flood inundation areas in the State of New York.

19 (b) REQUIREMENTS.—Maps developed under the  
20 project shall include hydrologic and hydraulic information  
21 and shall accurately show the flood inundation of each  
22 property by flood risk in the floodplain. The maps shall  
23 be produced in a high resolution format and shall be made  
24 available to all flood prone areas in the State of New York  
25 in an electronic format.



1       (c) PARTICIPATION OF FEMA.—The Secretary and  
2 the non-Federal sponsor of the project shall work with the  
3 Director of the Federal Emergency Management Agency  
4 to ensure the validity of the maps developed under the  
5 project for flood insurance purposes.

6       (d) FORMS OF ASSISTANCE.—In carrying out the  
7 project, the Secretary may enter into contracts or coopera-  
8 tive agreements with the non-Federal sponsor or provide  
9 reimbursements of project costs.

10       (e) FEDERAL SHARE.—The Federal share of the cost  
11 of the project shall be 75 percent.

12       (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
13 authorized to be appropriated to carry out this section  
14 \$12,000,000 for fiscal years beginning after September  
15 30, 1998.

16 **SEC. 552. WHITE OAK RIVER, NORTH CAROLINA.**

17       The Secretary shall conduct a study to determine if  
18 water quality deterioration and sedimentation of the White  
19 Oak River, North Carolina, are the result of the Atlantic  
20 Intracoastal Waterway navigation project. If the Secretary  
21 determines that the water quality deterioration and sedi-  
22 mentation are the result of the project, the Secretary shall  
23 take appropriate measures to mitigate the deterioration  
24 and sedimentation.

1 **SEC. 553. TOUSSAINT RIVER, CARROLL TOWNSHIP, OTTAWA**  
2 **COUNTY, OHIO.**

3 The Secretary is authorized to provide technical as-  
4 sistance for the removal of military ordnance from the  
5 Toussaint River, Carroll Township, Ottawa County, Ohio.

6 **SEC. 554. SARDIS RESERVOIR, OKLAHOMA.**

7 (a) IN GENERAL.—The Secretary shall accept from  
8 the State of Oklahoma or an agent of the State an  
9 amount, as determined under subsection (b), as prepay-  
10 ment of 100 percent of the water supply cost obligation  
11 of the State under Contract No. DACW56-74-JC-0314  
12 for water supply storage at Sardis Reservoir, Oklahoma.

13 (b) DETERMINATION OF AMOUNT.—The amount to  
14 be paid by the State of Oklahoma under subsection (a)  
15 shall be subject to adjustment in accordance with accepted  
16 discount purchase methods for Federal Government prop-  
17 erties as determined by an independent accounting firm  
18 designated by the Director of the Office of Management  
19 and Budget. The cost of such determination shall be paid  
20 for by the State of Oklahoma or an agent of the State.

21 (c) EFFECT.—Nothing in this section affects any of  
22 the rights or obligations of the parties to the contract re-  
23 ferred to in subsection (a).

1 **SEC. 555. WAURIKA LAKE, OKLAHOMA, WATER CONVEY-**  
2 **ANCE FACILITIES.**

3 For the project for construction of the water convey-  
4 ances authorized by the first section of Public Law 88-  
5 253 (77 Stat. 841), the requirement for the Waurika  
6 Project Master Conservancy District to repay the  
7 \$2,900,000 in costs (including interest) resulting from the  
8 October 1991 settlement of the claim before the United  
9 States Claims Court, and the payment of \$1,190,451 of  
10 the final cost representing the difference between the 1978  
11 estimate of cost and the actual cost determined after com-  
12 pletion of such project in 1991, are waived.

13 **SEC. 556. SKINNER BUTTE PARK, EUGENE, OREGON.**

14 (a) STUDY.—The Secretary shall conduct a study of  
15 the south bank of the Willamette River, in the area of  
16 Skinner Butte Park from Ferry Street Bridge to the Val-  
17 ley River footbridge, to determine the feasibility of car-  
18 rying out a project to stabilize the river bank, and to re-  
19 store and enhance riverine habitat, using a combination  
20 of structural and bioengineering techniques.

21 (b) CONSTRUCTION.—If, upon completion of the  
22 study, the Secretary determines that the project is fea-  
23 sible, the Secretary shall participate with non-Federal in-  
24 terests in the construction of the project.

25 (c) COST SHARE.—The non-Federal share of the cost  
26 of the project shall be 35 percent.

1 (d) LANDS, EASEMENTS, AND RIGHTS-OF-WAY.—

2 The non-Federal interest shall provide lands, easements,  
3 rights-of-way, relocations, and dredged material disposal  
4 areas necessary for construction of the project. The value  
5 of such items shall be credited toward the non-Federal  
6 share of the cost of the project.

7 (e) AUTHORIZATION OF APPROPRIATIONS.—There is  
8 authorized to be appropriated to carry out this section  
9 \$1,000,000 for fiscal years beginning after September 30,  
10 1999.

11 **SEC. 557. WILLAMETTE RIVER BASIN, OREGON.**

12 The Secretary, Director of the Federal Emergency  
13 Management Agency, Administrator of the Environmental  
14 Protection Agency, and heads of other appropriate Fed-  
15 eral agencies shall, using existing authorities, assist the  
16 State of Oregon in developing and implementing a com-  
17 prehensive basin-wide strategy in the Willamette River  
18 basin of Oregon for coordinated and integrated manage-  
19 ment of land and water resources to improve water qual-  
20 ity, reduce flood hazards, ensure sustainable economic ac-  
21 tivity, and restore habitat for native fish and wildlife. The  
22 heads of such Federal agencies may provide technical as-  
23 sistance, staff and financial support for development of  
24 the basin-wide management strategy. The heads of Fed-  
25 eral agencies shall seek to exercise flexibility in adminis-

1 trative actions and allocation of funding to reduce barriers  
2 to efficient and effective implementing of the strategy.

3 **SEC. 558. BRADFORD AND SULLIVAN COUNTIES, PENNSYL-**  
4 **VANIA.**

5 The Secretary is authorized to provide assistance for  
6 water-related environmental infrastructure and resource  
7 protection and development projects in Bradford and Sul-  
8 livan Counties, Pennsylvania, using the funds and authori-  
9 ties provided in title I of the Energy and Water Develop-  
10 ment Appropriations Act, 1999 (Public Law 105–245)  
11 under the heading “CONSTRUCTION, GENERAL” (112  
12 Stat. 1840) for similar projects in Lackawanna,  
13 Lycoming, Susquehanna, Wyoming, Pike, and Monroe  
14 Counties, Pennsylvania.

15 **SEC. 559. ERIE HARBOR, PENNSYLVANIA.**

16 The Secretary may reimburse the appropriate non-  
17 Federal interest not more than \$78,366 for architect and  
18 engineering costs incurred in connection with the Erie  
19 Harbor basin navigation project, Pennsylvania.

20 **SEC. 560. POINT MARION LOCK AND DAM, PENNSYLVANIA.**

21 The project for navigation, Point Marion Lock and  
22 Dam, Borough of Point Marion, Pennsylvania, as author-  
23 ized by section 301(a) of the Water Resources Develop-  
24 ment Act of 1986 (100 Stat. 4110), is modified to direct  
25 the Secretary, in the operation and maintenance of the

1 project, to mitigate damages to the shoreline, at a total  
2 cost of \$2,000,000. The cost of the mitigation shall be  
3 allocated as an operation and maintenance cost of a Fed-  
4 eral navigation project.

5 **SEC. 561. SEVEN POINTS' HARBOR, PENNSYLVANIA.**

6 (a) IN GENERAL.—The Secretary is authorized, at  
7 full Federal expense, to construct a breakwater-dock com-  
8 bination at the entrance to Seven Points' Harbor, Penn-  
9 sylvania.

10 (b) OPERATION AND MAINTENANCE COSTS.—All op-  
11 eration and maintenance costs associated with the facility  
12 constructed under this section shall be the responsibility  
13 of the lessee of the marina complex at Seven Points' Har-  
14 bor.

15 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
16 authorized to be appropriated \$850,000 to carry out this  
17 section.

18 **SEC. 562. SOUTHEASTERN PENNSYLVANIA.**

19 Section 566(b) of the Water Resources Development  
20 Act of 1996 (110 Stat. 3786) is amended by inserting “en-  
21 vironmental restoration,” after “water supply and related  
22 facilities,”.

1 **SEC. 563. UPPER SUSQUEHANNA-LACKAWANNA WATER-**  
2 **SHED RESTORATION INITIATIVE.**

3 (a) IN GENERAL.—The Secretary, in cooperation  
4 with appropriate Federal, State, and local agencies and  
5 nongovernmental institutions, is authorized to prepare a  
6 watershed plan for the Upper Susquehanna-Lackawanna  
7 Watershed (USGS Cataloging Unit 02050107). The plan  
8 shall utilize geographic information system and shall in-  
9 clude a comprehensive environmental assessment of the  
10 watershed's ecosystem, a comprehensive flood plain man-  
11 agement plan, a flood plain protection plan, water resource  
12 and environmental restoration projects, water quality im-  
13 provement, and other appropriate infrastructure and  
14 measures.

15 (b) NON-FEDERAL SHARE.—The non-Federal share  
16 of the cost of preparation of the plan under this section  
17 shall be 50 percent. Services and materials instead of cash  
18 may be credited toward the non-Federal share of the cost  
19 of the plan.

20 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
21 authorized to be appropriated to carry out this section  
22 \$5,000,000 for fiscal years beginning after September 30,  
23 1999.

24 **SEC. 564. AGUADILLA HARBOR, PUERTO RICO.**

25 The Secretary shall conduct a study to determine if  
26 erosion and additional storm damage risks that exist in

1 the vicinity of Aguadilla Harbor, Puerto Rico, are the re-  
 2 sult of a Federal navigation project. If the Secretary de-  
 3 termines that such erosion and additional storm damage  
 4 risks are the result of the project, the Secretary shall take  
 5 appropriate measures to mitigate the erosion and storm  
 6 damage.

7 **SEC. 565. OAHE DAM TO LAKE SHARPE, SOUTH DAKOTA,**  
 8 **STUDY.**

9 Section 441 of the Water Resources Development Act  
 10 of 1996 (110 Stat. 3747) is amended—

11 (1) by inserting “(a) INVESTIGATION.—” before  
 12 “The Secretary”; and

13 (2) by adding at the end the following:

14 “(b) REPORT.—Not later than September 30, 1999,  
 15 the Secretary shall transmit to Congress a report on the  
 16 results of the investigation under this section. The report  
 17 shall include the examination of financing options for reg-  
 18 ular maintenance and preservation of the lake. The report  
 19 shall be prepared in coordination and cooperation with the  
 20 Natural Resources Conservation Service, other Federal  
 21 agencies, and State and local officials.”.

22 **SEC. 566. INTEGRATED WATER MANAGEMENT PLANNING,**  
 23 **TEXAS.**

24 (a) IN GENERAL.—The Secretary, in cooperation  
 25 with other Federal agencies and the State of Texas, shall



1 provide technical, planning, and design assistance to non-  
2 Federal interests in developing integrated water manage-  
3 ment plans and projects that will serve the cities, counties,  
4 water agencies, and participating planning regions under  
5 the jurisdiction of the State of Texas.

6 (b) PURPOSES OF ASSISTANCE.—Assistance provided  
7 under subsection (a) shall be in support of non-Federal  
8 planning and projects for the following purposes:

9 (1) Plan and develop integrated, near- and  
10 long-term water management plans that address the  
11 planning region's water supply, water conservation,  
12 and water quality needs.

13 (2) Study and develop strategies and plans that  
14 restore, preserve, and protect the State's and plan-  
15 ning region's natural ecosystems.

16 (3) Facilitate public communication and partici-  
17 pation.

18 (4) Integrate such activities with other ongoing  
19 Federal and State projects and activities associated  
20 with the State of Texas water plan and the State of  
21 Texas legislation.

22 (c) COST SHARING.—The non-Federal share of the  
23 cost of assistance provided under subsection (a) shall be  
24 50 percent, of which up to  $\frac{1}{2}$  of the non-Federal share  
25 may be provided as in kind services.

1 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
2 authorized to be appropriated to carry out this section,  
3 \$10,000,000 for the fiscal years beginning after Sep-  
4 tember 30, 1999.

5 **SEC. 567. BOLIVAR PENINSULA, JEFFERSON, CHAMBERS,**  
6 **AND GALVESTON COUNTIES, TEXAS.**

7 (a) SHORE PROTECTION PROJECT.—The Secretary is  
8 authorized to design and construct a shore protection  
9 project between the south jetty of the Sabine Pass Chan-  
10 nel and the north jetty of the Galveston Harbor Entrance  
11 Channel in Jefferson, Chambers, and Galveston Counties,  
12 Texas, including beneficial use of dredged material from  
13 Federal navigation projects.

14 (b) APPLICABILITY OF BENEFIT-COST RATIO WAIV-  
15 ER AUTHORITY.—In evaluating and implementing the  
16 project, the Secretary shall allow the non-Federal interest  
17 to participate in the financing of the project in accordance  
18 with section 903(c) of the Water Resources Development  
19 Act of 1986 (100 Stat. 4184), notwithstanding any limita-  
20 tion on the purpose of projects to which such section ap-  
21 plies, to the extent that the Secretary's evaluation indi-  
22 cates that applying such section is necessary to implement  
23 the project.

1 **SEC. 568. GALVESTON BEACH, GALVESTON COUNTY, TEXAS.**

2       The Secretary is authorized to design and construct  
3 a shore protection project between the Galveston South  
4 Jetty and San Luis Pass, Galveston County, Texas, using  
5 innovative nourishment techniques, including beneficial  
6 use of dredged material from Federal navigation projects.

7 **SEC. 569. PACKERY CHANNEL, CORPUS CHRISTI, TEXAS.**

8       (a) IN GENERAL.—The Secretary shall construct a  
9 navigation and storm protection project at Packery Chan-  
10 nel, Mustang Island, Texas, consisting of construction of  
11 a channel and a channel jetty and placement of sand along  
12 the length of the seawall.

13       (b) ECOLOGICAL AND RECREATIONAL BENEFITS.—  
14 In evaluating the project, the Secretary shall include the  
15 ecological and recreational benefits of reopening the  
16 Packery Channel.

17       (c) APPLICABILITY OF BENEFIT-COST RATIO WAIV-  
18 ER AUTHORITY.—In evaluating and implementing the  
19 project, the Secretary shall allow the non-Federal interest  
20 to participate in the financing of the project in accordance  
21 with section 903(c) of the Water Resources Development  
22 Act of 1986 (100 Stat. 4184), notwithstanding any limita-  
23 tion on the purpose of projects to which such section ap-  
24 plies, to the extent that the Secretary's evaluation indi-  
25 cates that applying such section is necessary to implement  
26 the project.

1 **SEC. 570. NORTHERN WEST VIRGINIA.**

2       The projects described in the following reports are  
3 authorized to be carried out by the Secretary substantially  
4 in accordance with the plans, and subject to the condi-  
5 tions, recommended in such reports:

6           (1) PARKERSBURG, WEST VIRGINIA.—Report of  
7 the Corps of Engineers entitled “Parkersburg/Vi-  
8 enna Riverfront Park Feasibility Study”, dated June  
9 1998, at a total cost of \$8,400,000, with an esti-  
10 mated Federal cost of \$4,200,000, and an estimated  
11 non-Federal cost of \$4,200,000.

12          (2) WEIRTON, WEST VIRGINIA.—Report of the  
13 Corps of Engineers entitled “Feasibility Master Plan  
14 for Weirton Port and Industrial Center, West Vir-  
15 ginia Public Port Authority”, dated December 1997,  
16 at a total cost of \$18,000,000, with an estimated  
17 Federal cost of \$9,000,000, and an estimated non-  
18 Federal cost of \$9,000,000.

19          (3) ERICKSON/WOOD COUNTY, WEST VIR-  
20 GINIA.—Report of the Corps of Engineers entitled  
21 “Feasibility Master Plan for Erickson/Wood County  
22 Port District, West Virginia Public Port Authority”,  
23 dated July 7, 1997, at a total cost of \$28,000,000,  
24 with an estimated Federal cost of \$14,000,000, and  
25 an estimated non-Federal cost of \$14,000,000.

1           (4) MONONGAHELA RIVER, WEST VIRGINIA.—  
2       Monongahela River, West Virginia, Comprehensive  
3       Study Reconnaissance Report, dated September  
4       1995, consisting of the following elements:

5           (A) Morgantown Riverfront Park, Morgan-  
6       town, West Virginia, at a total cost of  
7       \$1,600,000, with an estimated Federal cost of  
8       \$800,000 and an estimated non-Federal cost of  
9       \$800,000.

10          (B) Caperton Rail to Trail, Monongahela  
11       County, West Virginia, at a total cost of  
12       \$4,425,000, with an estimated Federal cost of  
13       \$2,212,500 and an estimated non-Federal cost  
14       of \$2,212,500.

15          (C) Palatine Park, Fairmont, West Vir-  
16       ginia, at a total cost of \$1,750,000, with an es-  
17       timated Federal cost of \$875,000 and an esti-  
18       mated non-Federal cost of \$875,000.

19 **SEC. 571. URBANIZED PEAK FLOOD MANAGEMENT RE-**  
20 **SEARCH.**

21       (a) IN GENERAL.—The Secretary shall develop and  
22       implement a research program to evaluate opportunities  
23       to manage peak flood flows in urbanized watersheds lo-  
24       cated in the State of New Jersey.

1 (b) SCOPE OF RESEARCH.—The research program  
2 authorized by subsection (a) shall be accomplished  
3 through the New York District. The research shall specifi-  
4 cally include the following:

5 (1) Identification of key factors in urbanized  
6 watersheds that are under development and impact  
7 peak flows in the watersheds and downstream of the  
8 watersheds.

9 (2) Development of peak flow management  
10 models for 4 to 6 watersheds in urbanized areas lo-  
11 cated with widely differing geology, areas, shapes,  
12 and soil types that can be used to determine optimal  
13 flow reduction factors for individual watersheds.

14 (3) Utilization of such management models to  
15 determine relationships between flow and reduction  
16 factors and change in imperviousness, soil types,  
17 shape of the drainage basin, and other pertinent pa-  
18 rameters from existing to ultimate conditions in wa-  
19 tersheds under consideration for development.

20 (4) Development and validation of an inexpen-  
21 sive accurate model to establish flood reduction fac-  
22 tors based on runoff curve numbers, change in im-  
23 perviousness, the shape of the basin, and other perti-  
24 nent factors.

1 (c) REPORT TO CONGRESS.—The Secretary shall  
2 evaluate policy changes in the planning process for flood  
3 control projects based on the results of the research au-  
4 thorized by this section and transmit to Congress a report  
5 not later than 3 years after the date of the enactment of  
6 this Act.

7 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
8 authorized to be appropriated to carryout this section  
9 \$3,000,000 for fiscal years beginning after September 30,  
10 1999.

11 (e) FLOW REDUCTION FACTORS DEFINED.—In this  
12 section, the term “flow reduction factors” means the ratio  
13 of estimated allowable peak flows of stormwater after pro-  
14 jected development when compared to pre-existing condi-  
15 tions.

16 **SEC. 572. MISSISSIPPI RIVER COMMISSION.**

17 Section 8 of the Flood Control Act of May 15, 1928  
18 (Public Law 391, 70th Congress), is amended by striking  
19 “\$7,500” and inserting “\$21,500”.

20 **SEC. 573. COASTAL AQUATIC HABITAT MANAGEMENT.**

21 (a) IN GENERAL.—The Secretary may cooperate with  
22 the Secretaries of Agriculture and the Interior, the Admin-  
23 istrators of the Environmental Protection Agency and the  
24 National Oceanic and Atmospheric Administration, other  
25 appropriate Federal, State, and local agencies, and af-

1 fected private entities, in the development of a manage-  
2 ment strategy to address problems associated with toxic  
3 microorganisms and the resulting degradation of eco-  
4 systems in the tidal and nontidal wetlands and waters of  
5 the United States for the States along the Atlantic Ocean.  
6 As part of such management strategy, the Secretary may  
7 provide planning, design, and other technical assistance to  
8 each participating State in the development and imple-  
9 mentation of nonregulatory measures to mitigate environ-  
10 mental problems and restore aquatic resources.

11 (b) COST SHARING.—The Federal share of the cost  
12 of measures undertaken under this section shall not exceed  
13 65 percent.

14 (c) OPERATION AND MAINTENANCE.—The non-Fed-  
15 eral share of operation and maintenance costs for projects  
16 constructed with assistance provided under this section  
17 shall be 100 percent.

18 (d) AUTHORIZATION OF APPROPRIATION.—There is  
19 authorized to be appropriated to carry out this section  
20 \$7,000,000 for fiscal years beginning after September 30,  
21 1999.

22 **SEC. 574. WEST BATON ROUGE PARISH, LOUISIANA.**

23 The Secretary shall expedite completion of the report  
24 for the West Baton Rouge Parish, Louisiana, project for



1 waterfront and riverine preservation, restoration, and en-  
2 hancement modifications along the Mississippi River.

3 **SEC. 575. ABANDONED AND INACTIVE NONCOAL MINE RES-**  
4 **TORATION.**

5 (a) IN GENERAL.—The Secretary is authorized to  
6 provide technical, planning, and design assistance to Fed-  
7 eral and non-Federal interests for carrying out projects  
8 to address water quality problems caused by drainage and  
9 related activities from abandoned and inactive noncoal  
10 mines.

11 (b) SPECIFIC MEASURES.—Assistance provided  
12 under subsection (a) may be in support of projects for the  
13 following purposes:

14 (1) Management of drainage from abandoned  
15 and inactive noncoal mines.

16 (2) Restoration and protection of streams, riv-  
17 ers, wetlands, other waterbodies, and riparian areas  
18 degraded by drainage from abandoned and inactive  
19 noncoal mines.

20 (3) Demonstration of management practices  
21 and innovative and alternative treatment tech-  
22 nologies to minimize or eliminate adverse environ-  
23 mental effects associated with drainage from aban-  
24 doned and inactive noncoal mines.

1       (c) NON-FEDERAL SHARE.—The non-Federal share  
2 of the cost of assistance under subsection (a) shall be 50  
3 percent; except that the Federal share with respect to  
4 projects located on lands owned by the United States shall  
5 be 100 percent.

6       (d) EFFECT ON AUTHORITY OF THE SECRETARY OF  
7 THE INTERIOR.—Nothing in this section shall be con-  
8 strued as affecting the authority of the Secretary of the  
9 Interior under title IV of the Surface Mining Control and  
10 Reclamation Act of 1977 (30 U.S.C. 1231 et seq.).

11       (e) TECHNOLOGY DATABASE FOR RECLAMATION OF  
12 ABANDONED MINES.—The Secretary is authorized to pro-  
13 vide assistance to non-Federal and non-profit entities to  
14 develop, manage, and maintain a database of conventional  
15 and innovative, cost-effective technologies for reclamation  
16 of abandoned and inactive noncoal mine sites. Such assist-  
17 ance shall be provided through the rehabilitation of aban-  
18 doned mine sites program, managed by the Sacramento  
19 District Office of the Corps of Engineers.

20       (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
21 authorized to be appropriated to carry out this section  
22 \$5,000,000.

23 **SEC. 576. BENEFICIAL USE OF WASTE TIRE RUBBER.**

24       (a) IN GENERAL.—The Secretary is authorized to  
25 conduct pilot projects to encourage the beneficial use of

1 waste tire rubber, including crumb rubber, recycled from  
 2 tires. Such beneficial use may include marine pilings, un-  
 3 derwater framing, floating docks with built-in flotation,  
 4 utility poles, and other uses associated with transportation  
 5 and infrastructure projects receiving Federal funds. The  
 6 Secretary shall, when appropriate, encourage the use of  
 7 waste tire rubber, including crumb rubber, in such feder-  
 8 ally funded projects.

9 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
 10 authorized to be appropriated to carry out this section  
 11 \$5,000,000 for fiscal years beginning after September 30,  
 12 1998.

13 **SEC. 577. SITE DESIGNATION.**

14 Section 102(c)(4) of the Marine Protection, Re-  
 15 search, and Sanctuaries Act of 1972 (33 U.S.C.  
 16 1412(c)(4)) is amended by striking “January 1, 2000”  
 17 and inserting “January 1, 2005”.

18 **SEC. 578. LAND CONVEYANCES.**

19 (a) EXCHANGE OF LAND IN PIKE COUNTY, MIS-  
 20 SOURI.—

21 (1) EXCHANGE OF LAND.—Subject to para-  
 22 graphs (3) and (4), at such time as Holnam Inc.  
 23 conveys all right, title, and interest in and to the  
 24 land described in paragraph (2)(A) to the United  
 25 States, the Secretary shall convey all right, title, and

1 interest in the land described in paragraph (2)(B) to  
2 Holnam Inc.

3 (2) DESCRIPTION OF LANDS.—The lands re-  
4 ferred to in paragraph (1) are the following:

5 (A) NON-FEDERAL LAND.—152.45 acres  
6 with existing flowage easements situated in  
7 Pike County, Missouri, described a portion of  
8 Government Tract Number FM-9 and all of  
9 Government Tract Numbers FM-11, FM-10,  
10 FM-12, FM-13, and FM-16, owned and ad-  
11 ministered by the Holnam Inc.

12 (B) FEDERAL LAND.—152.61 acres situ-  
13 ated in Pike County, Missouri, known as Gov-  
14 ernment Tract Numbers FM-17 and a portion  
15 of FM-18, administered by the Corps of Engi-  
16 neers.

17 (3) CONDITIONS OF EXCHANGE.—The exchange  
18 of land authorized by paragraph (1) shall be subject  
19 to the following conditions:

20 (A) DEEDS.—

21 (i) FEDERAL LAND.—The instrument  
22 of conveyance used to convey the land de-  
23 scribed in paragraph (2)(B) to Holnam  
24 Inc. shall contain such reservations, terms,  
25 and conditions as the Secretary considers

1           necessary to allow the United States to op-  
2           erate and maintain the Mississippi River 9-  
3           Foot Navigation Project.

4           (ii) NON-FEDERAL LAND.—The con-  
5           veyance of the land described in paragraph  
6           (2)(A) to the Secretary shall be by a war-  
7           ranty deed acceptable to the Secretary.

8           (B) REMOVAL OF IMPROVEMENTS.—  
9           Holnam Inc. may remove any improvements on  
10          the land described in paragraph (2)(A). The  
11          Secretary may require Holnam Inc. to remove  
12          any improvements on the land described in  
13          paragraph (2)(A). In either case, Holnam Inc.  
14          shall hold the United States harmless from li-  
15          ability, and the United States shall not incur  
16          cost associated with the removal or relocation of  
17          any such improvements.

18          (C) TIME LIMIT FOR EXCHANGE.—The  
19          land exchange authorized by paragraph (1)  
20          shall be completed not later than 2 years after  
21          the date of the enactment of this Act.

22          (D) LEGAL DESCRIPTION.—The Secretary  
23          shall provide the legal description of the land  
24          described in paragraph (2). The legal descrip-

1           tion shall be used in the instruments of convey-  
2           ance of the land.

3           (E) ADMINISTRATIVE COSTS.—The Sec-  
4           retary shall require Holnam Inc. to pay reason-  
5           able administrative costs associated with the ex-  
6           change.

7           (4) VALUE OF PROPERTIES.—If the appraised  
8           fair market value, as determined by the Secretary,  
9           of the land conveyed to Holnam Inc. by the Sec-  
10          retary under paragraph (1) exceeds the appraised  
11          fair market value, as determined by the Secretary,  
12          of the land conveyed to the United States by  
13          Holnam Inc. under paragraph (1), Holnam Inc.  
14          shall make a payment equal to the excess in cash or  
15          a cash equivalent to the United States.

16          (b) CANDY LAKE PROJECT, OSAGE COUNTY, OKLA-  
17          HOMA.—

18           (1) DEFINITIONS.—In this subsection, the fol-  
19          lowing definitions apply:

20           (A) FAIR MARKET VALUE.—The term “fair  
21          market value” means the amount for which a  
22          willing buyer would purchase and a willing sell-  
23          er would sell a parcel of land, as determined by  
24          a qualified, independent land appraiser.

1 (B) PREVIOUS OWNER OF LAND.—The  
2 term “previous owner of land” means a person  
3 (including a corporation) that conveyed, or a  
4 descendant of a deceased individual who con-  
5 veyed, land to the Corps of Engineers for use  
6 in the Candy Lake project in Osage County,  
7 Oklahoma.

8 (2) LAND CONVEYANCES.—

9 (A) IN GENERAL.—The Secretary shall  
10 convey, in accordance with this subsection, all  
11 right, title, and interest of the United States in  
12 and to the land acquired by the United States  
13 for the Candy Lake project in Osage County,  
14 Oklahoma.

15 (B) PREVIOUS OWNERS OF LAND.—

16 (i) IN GENERAL.—The Secretary shall  
17 give a previous owner of land the first op-  
18 tion to purchase the land described in sub-  
19 paragraph (A).

20 (ii) APPLICATION.—

21 (I) IN GENERAL.—A previous  
22 owner of land that desires to purchase  
23 the land described in subparagraph  
24 (A) that was owned by the previous  
25 owner of land, or by the individual

1 from whom the previous owner of land  
2 is descended, shall file an application  
3 to purchase the land with the Sec-  
4 retary not later than 180 days after  
5 the official date of notice to the pre-  
6 vious owner of land under paragraph  
7 (3).

8 (II) FIRST TO FILE HAS FIRST  
9 OPTION.—If more than 1 application  
10 is filed to purchase a parcel of land  
11 described in subparagraph (A), the  
12 first option to purchase the parcel of  
13 land shall be determined in the order  
14 in which applications for the parcel of  
15 land were filed.

16 (iii) IDENTIFICATION OF PREVIOUS  
17 OWNERS OF LAND.—As soon as practicable  
18 after the date of the enactment of this Act,  
19 the Secretary shall, to the extent prac-  
20 ticable, identify each previous owner of  
21 land.

22 (iv) CONSIDERATION.—Consideration  
23 for land conveyed under this paragraph  
24 shall be the fair market value of the land.



1           (C) DISPOSAL.—Any land described in  
2           subparagraph (A) for which an application to  
3           purchase the land has not been filed under sub-  
4           paragraph (B)(ii) within the applicable time pe-  
5           riod shall be disposed of in accordance with law.

6           (D) EXTINGUISHMENT OF EASEMENTS.—  
7           All flowage easements acquired by the United  
8           States for use in the Candy Lake project in  
9           Osage County, Oklahoma, are extinguished.

10          (3) NOTICE.—

11           (A) IN GENERAL.—The Secretary shall  
12           notify—

13                   (i) each person identified as a pre-  
14                   vious owner of land under paragraph  
15                   (2)(B)(iii), not later than 90 days after  
16                   identification, by United States mail; and

17                   (ii) the general public, not later than  
18                   90 days after the date of the enactment of  
19                   this Act, by publication in the Federal  
20                   Register.

21           (B) CONTENTS OF NOTICE.—Notice under  
22           this paragraph shall include—

23                   (i) a copy of this subsection;

1 (ii) information sufficient to sepa-  
2 rately identify each parcel of land subject  
3 to this subsection; and

4 (iii) specification of the fair market  
5 value of each parcel of land subject to this  
6 subsection.

7 (C) OFFICIAL DATE OF NOTICE.—The offi-  
8 cial date of notice under this paragraph shall be  
9 the later of—

10 (i) the date on which actual notice is  
11 mailed; or

12 (ii) the date of publication of the no-  
13 tice in the Federal Register.

14 (c) LAKE HUGO, OKLAHOMA, AREA LAND CONVEY-  
15 ANCE.—

16 (1) IN GENERAL.—As soon as practicable after  
17 the date of the enactment of this Act, the Secretary  
18 shall convey at fair market value to Choctaw County  
19 Industrial Authority, Oklahoma, the property de-  
20 scribed in paragraph (2).

21 (2) DESCRIPTION.—The property to be con-  
22 veyed under paragraph (1) is—

23 (A) that portion of land at Lake Hugo,  
24 Oklahoma, above elevation 445.2 located in the  
25 N<sup>1</sup>/<sub>2</sub> of the NW<sup>1</sup>/<sub>4</sub> of Section 24, R 18 E, T 6

1 S, and the S<sup>1</sup>/<sub>2</sub> of the SW<sup>1</sup>/<sub>4</sub> of Section 13, R  
 2 18 E, T 6 S bounded to the south by a line 50  
 3 north on the centerline of Road B of Sawyer  
 4 Bluff Public Use Area and to the north by the  
 5 <sup>1</sup>/<sub>2</sub> quarter section line forming the south  
 6 boundary of Wilson Point Public Use Area; and

7 (B) a parcel of property at Lake Hugo,  
 8 Oklahoma, commencing at the NE corner of the  
 9 SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> of Section 13, R 18 E, T 6 S, 100  
 10 feet north, then east approximately <sup>1</sup>/<sub>2</sub> mile to  
 11 the county line road between Section 13, R 18  
 12 E, T 6 S, and Section 18, R 19 E, T 6 S.

13 (3) TERMS AND CONDITIONS.—The conveyances  
 14 under this subsection shall be subject to such terms  
 15 and conditions, including payment of reasonable ad-  
 16 ministrative costs and compliance with applicable  
 17 Federal floodplain management and flood insurance  
 18 programs, as the Secretary considers necessary and  
 19 appropriate to protect the interests of the United  
 20 States.

21 (d) CONVEYANCE OF PROPERTY IN MARSHALL  
 22 COUNTY, OKLAHOMA.—

23 (1) IN GENERAL.—The Secretary shall convey  
 24 to the State of Oklahoma all right, title, and interest  
 25 of the United States to real property located in Mar-

1 shall County, Oklahoma, and included in the Lake  
2 Texoma (Denison Dam), Oklahoma and Texas,  
3 project consisting of approximately 1,580 acres and  
4 leased to the State of Oklahoma for public park and  
5 recreation purposes.

6 (2) CONSIDERATION.—Consideration for the  
7 conveyance under paragraph (1) shall be the fair  
8 market value of the real property, as determined by  
9 the Secretary. All costs associated with the convey-  
10 ance under paragraph (1) shall be paid by the State  
11 of Oklahoma.

12 (3) DESCRIPTION.—The exact acreage and legal  
13 description of the real property to be conveyed under  
14 paragraph (1) shall be determined by a survey satis-  
15 factory to the Secretary. The cost of the survey shall  
16 be paid by the State of Oklahoma.

17 (4) ENVIRONMENTAL COMPLIANCE.—Before  
18 making the conveyance under paragraph (1), the  
19 Secretary shall—

20 (A) conduct an environmental baseline sur-  
21 vey to determine if there are levels of contami-  
22 nation for which the United States would be re-  
23 sponsible under the Comprehensive Environ-  
24 mental Response, Compensation, and Liability  
25 Act of 1980 (42 U.S.C. 9601 et seq.); and

1 (B) ensure that the conveyance complies  
2 with the National Environmental Policy Act of  
3 1969 (42 U.S.C. 4321 et seq.).

4 (5) OTHER TERMS AND CONDITIONS.—The con-  
5 veyance under paragraph (1) shall be subject to such  
6 other terms and conditions as the Secretary con-  
7 siders necessary and appropriate to protect the in-  
8 terests of the United States, including reservation by  
9 the United States of a flowage easement over all  
10 portions of the real property to be conveyed that are  
11 at or below elevation 645.0 NGVD.

12 (e) SUMMERFIELD CEMETERY ASSOCIATION, OKLA-  
13 HOMA, LAND CONVEYANCE.—

14 (1) IN GENERAL.—As soon as practicable after  
15 the date of the enactment of this Act, the Secretary  
16 shall transfer to the Summerfield Cemetery Associa-  
17 tion, Oklahoma, all right, title, and interest of the  
18 United State in and to the land described in para-  
19 graph (3) for use as a cemetery.

20 (2) REVERSION.—If the land to be transferred  
21 under this subsection ever cease to be used as a not-  
22 for-profit cemetery or for other public purposes the  
23 land shall revert to the United States.

24 (3) DESCRIPTION.—The land to be conveyed  
25 under this subsection is the approximately 10 acres

of land located in Leflore County, Oklahoma, and described as follows:

INDIAN BASIN MERIDIAN

Section 23, Township 5 North, Range 23 East  
SW SE SW NW  
NW NE NW SW  
N<sup>1</sup>/<sub>2</sub> SW SW NW.

(4) CONSIDERATION.—The conveyance under this subsection shall be without consideration. All costs associated with the conveyance shall be paid by the Summerfield Cemetery Association, Oklahoma.

(5) OTHER TERMS AND CONDITIONS.—The conveyance under this subsection shall be subject to such other terms and conditions as the Secretary considers necessary and appropriate to protect the interests of the United States.

(f) DEXTER, OREGON.—

(1) IN GENERAL.—The Secretary shall convey to the Dexter Sanitary District all right, title, and interest of the United States in and to a parcel of land consisting of approximately 5 acres located at Dexter Lake, Oregon, under lease to the Dexter Sanitary District.

(2) CONSIDERATION.—Land to be conveyed under this section shall be conveyed without consideration. If the land is no longer held in public own-

1       ership or no longer used for wastewater treatment  
2       purposes, title to the land shall revert to the Sec-  
3       retary.

4           (3) TERMS AND CONDITIONS.—The conveyance  
5       by the United States shall be subject to such terms  
6       and conditions as the Secretary considers appro-  
7       priate to protect the interests of the United States.

8           (4) DESCRIPTION.—The exact acreage and de-  
9       scription of the land to be conveyed under paragraph  
10      (1) shall be determined by such surveys as the Sec-  
11      retary considers necessary. The cost of the surveys  
12      shall be borne by the Dexter Sanitary District.

13      (g) RICHARD B. RUSSELL DAM AND LAKE, SOUTH  
14      CAROLINA.—

15           (1) IN GENERAL.—Upon execution of an agree-  
16      ment under paragraph (4) and subject to the re-  
17      quirements of this subsection, the Secretary shall  
18      convey, without consideration, to the State of South  
19      Carolina all right, title, and interest of the United  
20      States to the lands described in paragraph (2) that  
21      are managed, as of the date of the enactment of this  
22      Act, by the South Carolina Department of Natural  
23      Resources for fish and wildlife mitigation purposes  
24      in connection with the Richard B. Russell Dam and  
25      Lake, South Carolina, project.

1 (2) DESCRIPTION.—

2 (A) IN GENERAL.—Subject to subpara-  
3 graph (B), the lands to be conveyed under  
4 paragraph (1) are described in Exhibits A, F,  
5 and H of Army Lease Number DACW21-1-  
6 93-0910 and associated Supplemental Agree-  
7 ments or are designated in red in Exhibit A of  
8 Army License Number DACW21-3-85-1904;  
9 except that all designated lands in the license  
10 that are below elevation 346 feet mean sea level  
11 or that are less than 300 feet measured hori-  
12 zontally from the top of the power pool are ex-  
13 cluded from the conveyance. Management of the  
14 excluded lands shall continue in accordance  
15 with the terms of Army License Number  
16 DACW21-3-85-1904 until the Secretary and  
17 the State enter into an agreement under para-  
18 graph (4).

19 (B) SURVEY.—The exact acreage and legal  
20 description of the lands to be conveyed under  
21 paragraph (1) shall be determined by a survey  
22 satisfactory to the Secretary, with the cost of  
23 the survey to be paid by the State. The State  
24 shall be responsible for all other costs, including



1 real estate transaction and environmental com-  
2 pliance costs, associated with the conveyance.

3 (3) TERMS AND CONDITIONS.—

4 (A) MANAGEMENT OF LANDS.—All lands  
5 that are conveyed under paragraph (1) shall be  
6 retained in public ownership and shall be man-  
7 aged in perpetuity for fish and wildlife mitiga-  
8 tion purposes in accordance with a plan ap-  
9 proved by the Secretary. If the lands are not  
10 managed for such purposes in accordance with  
11 the plan, title to the lands shall revert to the  
12 United States. If the lands revert to the United  
13 States under this subparagraph, the Secretary  
14 shall manage the lands for such purposes.

15 (B) TERMS AND CONDITIONS.—The Sec-  
16 retary may require such additional terms and  
17 conditions in connection with the conveyance as  
18 the Secretary considers appropriate to protect  
19 the interests of the United States.

20 (4) PAYMENTS.—

21 (A) AGREEMENTS.—The Secretary is au-  
22 thorized to pay to the State of South Carolina  
23 not more than \$4,850,000 if the Secretary and  
24 the State enter into a binding agreement for  
25 the State to manage for fish and wildlife miti-

1           gation purposes, in perpetuity, the lands con-  
2           veyed under this subsection and the lands not  
3           covered by the conveyance that are designated  
4           in red in Exhibit A of Army License Number  
5           DACW21-3-85-1904.

6           (B) TERMS AND CONDITIONS.—The agree-  
7           ment shall specify the terms and conditions  
8           under which the payment will be made and the  
9           rights of, and remedies available to, the Federal  
10          Government to recover all or a portion of the  
11          payment in the event the State fails to manage  
12          the lands in a manner satisfactory to the Sec-  
13          retary.

14          (h) CHARLESTON, SOUTH CAROLINA.—The Sec-  
15          retary is authorized to convey the property of the Corps  
16          of Engineers known as the “Equipment and Storage  
17          Yard”, located on Meeting Street in Charleston, South  
18          Carolina, in as-is condition for fair-market value with all  
19          proceeds from the conveyance to be applied by the Corps  
20          of Engineers, Charleston District, to offset a portion of  
21          the costs of moving or leasing (or both) an office facility  
22          in the City of Charleston.

23          (i) CLARKSTON, WASHINGTON.—

24                  (1) IN GENERAL.—The Secretary shall convey  
25          to the Port of Clarkston, Washington, all right, title,

1 and interest of the United States in and to a portion  
2 of the land described in Army Lease Number  
3 DACW68-1-97-22, consisting of approximately 31  
4 acres, the exact boundaries of which shall be deter-  
5 mined by the Secretary and the Port of Clarkston.

6 (2) ADDITIONAL LAND.—The Secretary may  
7 convey to the Port of Clarkston, Washington, at fair  
8 market value as determined by the Secretary, such  
9 additional land located in the vicinity of Clarkston,  
10 Washington, as the Secretary determines to be ex-  
11 cess to the needs of the Columbia River Project and  
12 appropriate for conveyance.

13 (3) TERMS AND CONDITIONS.—The conveyances  
14 made under paragraphs (1) and (2) shall be subject  
15 to such terms and conditions as the Secretary deter-  
16 mines to be necessary to protect the interests of the  
17 United States, including a requirement that the Port  
18 of Clarkston pay all administrative costs associated  
19 with the conveyances (including the cost of land sur-  
20 veys and appraisals and costs associated with com-  
21 pliance with applicable environmental laws, including  
22 regulations).

23 (4) USE OF LAND.—The Port of Clarkston  
24 shall be required to pay the fair market value, as de-  
25 termined by the Secretary, of any land conveyed

1       pursuant to paragraph (1) that is not retained in  
2       public ownership or is used for other than public  
3       park or recreation purposes, except that the Sec-  
4       retary shall have a right of reverter to reclaim pos-  
5       session and title to any such land.

6       (j) LAND CONVEYANCE TO MATEWAN, WEST VIR-  
7       GINIA.—

8               (1) IN GENERAL.—The United States shall con-  
9       vey by quit claim deed to the Town of Matewan,  
10       West Virginia, all right, title, and interest of the  
11       United States in and to four parcels of land deemed  
12       excess by the Secretary of the Army, acting through  
13       the Chief of the U.S. Army Corps of Engineers, to  
14       the structural project for flood control constructed  
15       by the Corps of Engineers along the Tug Fork River  
16       pursuant to section 202 of Public Law 96–367.

17              (2) PROPERTY DESCRIPTION.—The parcels of  
18       land referred to in paragraph (1) are as follows:

19                   (A) A certain parcel of land in the State  
20       of West Virginia, Mingo County, Town of  
21       Matewan, and being more particularly bounded  
22       and described as follows:

23                           Beginning at a point on the southerly  
24                           right-of-way line of a 40-foot-wide street  
25                           right-of-way (known as McCoy Alley), hav-

1           ing an approximate coordinate value of  
2           N228,695, E1,662,397, in the line com-  
3           mon to the land designated as U.S.A.  
4           Tract No. 834, and the land designated as  
5           U.S.A. Tract No. 837, said point being  
6           South  $51^{\circ}52'$  East 81.8 feet from an iron  
7           pin and cap marked M-12 on the bound-  
8           ary of the Matewan Area Structural  
9           Project, on the north right-of-way line of  
10          said street, at a corner common to des-  
11          ignated U.S.A. Tracts Nos. 834 and 836;  
12          thence, leaving the right-of-way of said  
13          street, with the line common to the land of  
14          said Tract No. 834, and the land of said  
15          Tract No. 837.

16                 South  $14^{\circ}37'$  West 46 feet to the cor-  
17          ner common to the land of said Tract No.  
18          834, and the land of said Tract No. 837;  
19          thence, leaving the land of said Tract No.  
20          837, severing the lands of said Project.

21                 South  $14^{\circ}37'$  West 46 feet.

22                 South  $68^{\circ}07'$  East 239 feet.

23                 North  $26^{\circ}05'$  East 95 feet to a point  
24          on the southerly right-of-way line of said  
25          street; thence, with the right-of-way of said

1 street, continuing to sever the lands of said  
2 Project.

3 South  $63^{\circ}55'$  East 206 feet; thence,  
4 leaving the right-of-way of said street, con-  
5 tinuing to sever the lands of said Project.

6 South  $26^{\circ}16'$  West 63 feet; thence,  
7 with a curve to the left having a radius of  
8 70 feet, a delta of  $33^{\circ}58'$ , an arc length of  
9 41 feet, the chord bearing.

10 South  $09^{\circ}17'$  West 41 feet; thence,  
11 leaving said curve, continuing to sever the  
12 lands of said Project.

13 South  $07^{\circ}42'$  East 31 feet to a point  
14 on the right-of-way line of the floodwall;  
15 thence, with the right-of-way of said  
16 floodwall, continuing to sever the lands of  
17 said Project.

18 South  $77^{\circ}04'$  West 71 feet.

19 North  $77^{\circ}10'$  West 46 feet.

20 North  $67^{\circ}07'$  West 254 feet.

21 North  $67^{\circ}54'$  West 507 feet.

22 North  $57^{\circ}49'$  West 66 feet to the  
23 intersection of the right-of-way line of said  
24 floodwall with the southerly right-of-way  
25 line of said street; thence, leaving the

1 right-of-way of said floodwall and with the  
2 southerly right-of-way of said street, con-  
3 tinuing to sever the lands of said Project.

4 North 83°01' East 171 feet.

5 North 89°42' East 74 feet.

6 South 83°39' East 168 feet.

7 South 83°38' East 41 feet.

8 South 77°26' East 28 feet to the  
9 point of beginning, containing 2.59 acres,  
10 more or less. The bearings and coordinate  
11 used herein are referenced to the West Vir-  
12 ginia State Plane Coordinate System,  
13 South Zone.

14 (B) A certain parcel of land in the State  
15 of West Virginia, Mingo County, Town of  
16 Matewan, and being more particularly bounded  
17 and described as follows:

18 Beginning at an iron pin and cap des-  
19 ignated Corner No. M2-2 on the southerly  
20 right-of-way line of the Norfolk and West-  
21 ern Railroad, having an approximate co-  
22 ordinate value of N228,755 E1,661,242,  
23 and being at the intersection of the right-  
24 of-way line of the floodwall with the bound-  
25 ary of the Matewan Area Structural

1 Project; thence, leaving the right-of-way of  
2 said floodwall and with said Project bound-  
3 ary, and the southerly right-of-way of said  
4 Railroad.

5 North 59°45' East 34 feet.

6 North 69°50' East 44 feet.

7 North 58°11' East 79 feet.

8 North 66°13' East 102 feet.

9 North 69°43' East 98 feet.

10 North 77°39' East 18 feet.

11 North 72°39' East 13 feet to a point  
12 at the intersection of said Project bound-  
13 ary, and the southerly right-of-way of said  
14 Railroad, with the westerly right-of-way  
15 line of State Route 49/10; thence, leaving  
16 said Project boundary, and the southerly  
17 right-of-way of said Railroad, and with the  
18 westerly right-of-way of said road.

19 South 03°21' East 100 feet to a point  
20 at the intersection of the westerly right-of-  
21 way of said road with the right-of-way of  
22 said floodwall; thence, leaving the right-of-  
23 way of said road, and with the right-of-way  
24 line of said floodwall.

25 South 79°30' West 69 feet.



1 South 78°28' West 222 feet.

2 South 80°11' West 65 feet.

3 North 38°40' West 14 feet to the  
4 point of beginning, containing 0.53 acre,  
5 more or less. The bearings and coordinate  
6 used herein are referenced to the West Vir-  
7 ginia State Plane Coordinate System,  
8 South Zone.

9 (C) A certain parcel of land in the State  
10 of West Virginia, Mingo County, Town of  
11 Matewan, and being more particularly bounded  
12 and described as follows:

13 Beginning at a point on the southerly  
14 right-of-way line of the Norfolk and West-  
15 ern Railroad, having an approximate co-  
16 ordinate value of N228,936 E1,661,672,  
17 and being at the intersection of the eas-  
18 terly right-of-way line of State Route 49/  
19 10 with the boundary of the Matewan Area  
20 Structural Project; thence, leaving the  
21 right-of-way of said road, and with said  
22 Project boundary, and the southerly right-  
23 of-way of said Railroad.

1 North 77°49' East 89 feet to an iron  
2 pin and cap designated as U.S.A. Corner  
3 No. M-4.

4 North 79°30' East 74 feet to an iron  
5 pin and cap designated as U.S.A. Corner  
6 No. M-5-1; thence, leaving the southerly  
7 right-of-way of said Railroad, and con-  
8 tinuing with the boundary of said Project.

9 South 06°33' East 102 to an iron  
10 pipe and cap designated U.S.A. Corner No.  
11 M-6-1 on the northerly right-of-way line  
12 of State Route 49/28; thence, leaving the  
13 boundary of said Project, and with the  
14 right-of-way of said road, severing the  
15 lands of said Project.

16 North 80°59' West 171 feet to a point  
17 at the intersection of the Northerly right-  
18 of-way line of said State Route 49/28 with  
19 the easterly right-of-way line of said State  
20 Route 49/10; thence, leaving the right-of-  
21 way of said State Route 49/28 and with  
22 the right-of-way of said State Route 49/10.

23 North 03°21' West 42 feet to the  
24 point of beginning, containing 0.27 acre,  
25 more or less. The bearings and coordinate

1           used herein are referenced to the West Vir-  
2           ginia State Plane Coordinate System,  
3           South Zone.

4           (D) A certain parcel of land in the State  
5           of West Virginia, Mingo County, Town of  
6           Matewan, and being more particularly bounded  
7           and described as follows:

8                   Beginning at a point at the intersec-  
9                   tion of the easterly right-of-way line of  
10                  State Route 49/10 with the right-of-way  
11                  line of the floodwall, having an approxi-  
12                  mate coordinate value of N228,826  
13                  E1,661,679; thence, leaving the right-of-  
14                  way of said floodwall, and with the right-  
15                  of-way of said State Route 49/10.

16                  North 03°21' West 23 feet to a point  
17                  at the intersection of the easterly right-of-  
18                  way line of said State Route 49/10 with  
19                  the southerly right-of-way line of State  
20                  Route 49/28; thence, leaving the right-of-  
21                  way of said State Route 49/10 and with  
22                  the right-of-way of said State Route 49/28.

23                  South 80°59' East 168 feet.

24                  North 82°28' East 45 feet to an iron  
25                  pin and cap designated as U.S.A. Corner

1 No. M-8-1 on the boundary of the West-  
2 ern Area Structural Project; thence, leav-  
3 ing the right-of-way of said State Route  
4 49/28, and with said Project boundary.

5 South  $08^{\circ}28'$  East 88 feet to an iron  
6 pin and cap designated as U.S.A. Corner  
7 No. M-9-1 point on the northerly right-of-  
8 way line of a street (known as McCoy  
9 Alley); thence, leaving said Project bound-  
10 ary and with the northerly right-of-way of  
11 said street.

12 South  $83^{\circ}01'$  West 38 feet to a point  
13 on the right-of-way line of said floodwall;  
14 thence, leaving the right-of-way of said  
15 street, and with the right-of-way of said  
16 floodwall.

17 North  $57^{\circ}49'$  West 180 feet.

18 South  $79^{\circ}30'$  West 34 feet to a point  
19 of beginning, containing 0.24 acre, more or  
20 less. The bearings and coordinate used  
21 herein are referenced to the West Virginia  
22 State Plane Coordinate System, South  
23 Zone.

24 (k) MERRISACH LAKE, ARKANSAS COUNTY, ARKAN-

25 SAS.—

1           (1) LAND CONVEYANCE.—Notwithstanding any  
2       other provision of law, the Secretary shall convey to  
3       eligible private property owners at fair market value,  
4       as determined by the Secretary, all right, title, and  
5       interest of the United States in and to certain lands  
6       acquired for Navigation Pool No. 2, McClellan-Kerr  
7       Arkansas River Navigation System, Merrisach Lake  
8       Project, Arkansas County, Arkansas.

9           (2) PROPERTY DESCRIPTION.—The lands to be  
10      conveyed under paragraph (1) include those lands  
11      lying between elevation 163, National Geodetic  
12      Vertical Datum of 1929, and the Federal Govern-  
13      ment boundary line for Tract Numbers 102, 129,  
14      132–1, 132–2, 132–3, 134, 135, 136–1, 136–2, 138,  
15      139, 140, 141, 142, 143, 144, and 145, located in  
16      sections 18, 19, 29, 30, 31, and 32, Township 7  
17      South, Range 2 West, and the SE<sup>1</sup>/<sub>4</sub> of Section 36,  
18      Township 7 South, Range 3 West, Fifth Principal  
19      Meridian, with the exception of any land designated  
20      for public park purposes.

21           (3) TERMS AND CONDITIONS.—Any lands con-  
22      veyed under paragraph (1) shall be subject to—

23                   (A) a perpetual flowage easement prohib-  
24                   iting human habitation and restricting con-  
25                   struction activities;

1 (B) the reservation of timber rights by the  
2 United States; and

3 (C) such additional terms and conditions  
4 as the Secretary considers appropriate to pro-  
5 tect the interests of the United States.

6 (4) ELIGIBLE PROPERTY OWNER DEFINED.—In  
7 this subsection, the term “eligible private property  
8 owner” means the owner of record of land contig-  
9 uous to lands owned by the United States in connec-  
10 tion with the project referred to in paragraph (1).

11 **SEC. 579. NAMINGS.**

12 (a) FRANCIS BLAND FLOODWAY DITCH, ARKAN-  
13 SAS.—

14 (1) DESIGNATION.—8-Mile Creek in Paragould,  
15 Arkansas, shall be known and designated as the  
16 “Francis Bland Floodway Ditch”.

17 (2) LEGAL REFERENCE.—Any reference in a  
18 law, map, regulation, document, paper, or other  
19 record of the United States to the creek referred to  
20 in paragraph (1) shall be deemed to be a reference  
21 to the “Francis Bland Floodway Ditch”.

22 (b) LAWRENCE BLACKWELL MEMORIAL BRIDGE, AR-  
23 KANSAS.—

24 (1) DESIGNATION.—The bridge over lock and  
25 dam numbered 4 on the Arkansas River, Arkansas,

constructed as part of the project for navigation on the Arkansas River and tributaries, shall be known and designated as the “Lawrence Blackwell Memorial Bridge”.

(2) **LEGAL REFERENCE.**—Any reference in a law, map, regulation, document, paper, or other record of the United States to the bridge referred to in paragraph (1) shall be deemed to be a reference to the “Lawrence Blackwell Memorial Bridge”.

**SEC. 580. FOLSOM DAM AND RESERVOIR ADDITIONAL STORAGE AND ADDITIONAL FLOOD CONTROL STUDIES.**

(a) **FOLSOM FLOOD CONTROL STUDIES.**—

(1) **IN GENERAL.**—The Secretary, in consultation with the State of California and local water resources agencies, shall undertake a study of increasing surcharge flood control storage at the Folsom Dam and Reservoir.

(2) **LIMITATIONS.**—The study of the Folsom Dam and Reservoir undertaken under paragraph (1) shall assume that there is to be no increase in conservation storage at the Folsom Reservoir.

(3) **REPORT.**—Not later than March 1, 2000, the Secretary shall transmit to Congress a report on the results of the study under this subsection.

1 (b) AMERICAN AND SACRAMENTO RIVERS FLOOD  
2 CONTROL STUDY.—

3 (1) IN GENERAL.—The Secretary shall under-  
4 take a study of all levees on the American River and  
5 on the Sacramento River downstream and imme-  
6 diately upstream of the confluence of such Rivers to  
7 access opportunities to increase potential flood pro-  
8 tection through levee modifications.

9 (2) DEADLINE FOR COMPLETION.—Not later  
10 than March 1, 2000, the Secretary shall transmit to  
11 Congress a report on the results of the study under-  
12 taken under this subsection.

13 **SEC. 581. WALLOPS ISLAND, VIRGINIA.**

14 (a) EMERGENCY ACTION.—The Secretary shall take  
15 emergency action to protect Wallops Island, Virginia, from  
16 damaging coastal storms, by improving and extending the  
17 existing seawall, replenishing and renourishing the beach,  
18 and constructing protective dunes.

19 (b) REIMBURSEMENT.—The Secretary may seek re-  
20 imbursement from other Federal agencies whose resources  
21 are protected by the emergency action taken under sub-  
22 section (a).

23 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
24 authorized to be appropriated to carry out this section  
25 \$8,000,000.



1 **SEC. 582. DETROIT RIVER, DETROIT, MICHIGAN.**

2 (a) IN GENERAL.—The Secretary is authorized to re-  
3 pair and rehabilitate the seawalls on the Detroit River in  
4 Detroit, Michigan.

5 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
6 authorized to be appropriated for fiscal years beginning  
7 after September 30, 1999, \$1,000,000 to carry out this  
8 section.

9 **SEC. 583. NORTHEASTERN MINNESOTA.**

10 (a) ESTABLISHMENT OF PROGRAM.—The Secretary  
11 may establish a pilot program for providing environmental  
12 assistance to non-Federal interests in northeastern Min-  
13 nesota.

14 (b) FORM OF ASSISTANCE.—Assistance under this  
15 section may be in the form of design and construction as-  
16 sistance for water-related environmental infrastructure  
17 and resource protection and development projects in  
18 northeastern Minnesota, including projects for wastewater  
19 treatment and related facilities, water supply and related  
20 facilities, environmental restoration, and surface water re-  
21 source protection and development.

22 (c) PUBLIC OWNERSHIP REQUIREMENT.—The Sec-  
23 retary may provide assistance for a project under this sec-  
24 tion only if the project is publicly owned.

25 (d) LOCAL COOPERATION AGREEMENT.—

1           (1) IN GENERAL.—Before providing assistance  
2           under this section, the Secretary shall enter into a  
3           local cooperation agreement with a non-Federal in-  
4           terest to provide for design and construction of the  
5           project to be carried out with the assistance.

6           (2) REQUIREMENTS.—Each local cooperation  
7           agreement entered into under this subsection shall  
8           provide for the following:

9                   (A) PLAN.—Development by the Secretary,  
10           in consultation with appropriate Federal and  
11           State officials, of a facilities or resource protec-  
12           tion and development plan, including appro-  
13           priate engineering plans and specifications.

14                   (B) LEGAL AND INSTITUTIONAL STRUC-  
15           TURES.—Establishment of such legal and insti-  
16           tutional structures as are necessary to ensure  
17           the effective long-term operation of the project  
18           by the non-Federal interest.

19           (3) COST SHARING.—

20                   (A) IN GENERAL.—The Federal share of  
21           project costs under each local cooperation  
22           agreement entered into under this subsection  
23           shall be 75 percent. The Federal share may be  
24           in the form of grants or reimbursements of  
25           project costs.

1           (B) CREDIT FOR DESIGN WORK.—The  
2 non-Federal interest shall receive credit for the  
3 reasonable costs of design work completed by  
4 the non-Federal interest prior to entering into  
5 a local cooperation agreement with the Sec-  
6 retary for a project. The credit for the design  
7 work shall not exceed 6 percent of the total con-  
8 struction costs of the project.

9           (C) CREDIT FOR INTEREST.—In the event  
10 of a delay in the funding of the non-Federal  
11 share of a project that is the subject of an  
12 agreement under this section, the non-Federal  
13 interest shall receive credit for reasonable inter-  
14 est incurred in providing the non-Federal share  
15 of a project's cost.

16          (D) LAND, EASEMENTS, AND RIGHTS-OF-  
17 WAY CREDIT.—The non-Federal interest shall  
18 receive credit for land, easements, rights-of-  
19 way, and relocations toward its share of project  
20 costs (including all reasonable costs associated  
21 with obtaining permits necessary for the con-  
22 struction, operation, and maintenance of the  
23 project on publicly owned or controlled land),  
24 but not to exceed 25 percent of total project  
25 costs.

1                   (E) OPERATION AND MAINTENANCE.—The  
2                   non-Federal share of operation and mainte-  
3                   nance costs for projects constructed with assist-  
4                   ance provided under this section shall be 100  
5                   percent.

6           (e) APPLICABILITY OF OTHER FEDERAL AND STATE  
7   LAWS.—Nothing in this section shall be construed as  
8   waiving, limiting, or otherwise affecting the applicability  
9   of any provision of Federal or State law that would other-  
10   wise apply to a project to be carried out with assistance  
11   provided under this section.

12          (f) REPORT.—Not later than December 31, 2001, the  
13   Secretary shall transmit to Congress a report on the re-  
14   sults of the pilot program carried out under this section,  
15   together with recommendations concerning whether or not  
16   such program should be implemented on a national basis.

17          (g) NORTHEASTERN MINNESOTA DEFINED.—In this  
18   section, the term “northeastern Minnesota” means the  
19   counties of Cook, Lake, St. Louis, Koochiching, Itasca,  
20   Cass, Crow Wing, Aitkin, Carlton, Pine, Kanabec, Mille  
21   Lacs, Morrison, Benton, Sherburne, Isanti, and Chisago,  
22   Minnesota.

23          (h) AUTHORIZATION OF APPROPRIATIONS.—There is  
24   authorized to be appropriated to carry out this section  
25   \$40,000,000 for fiscal years beginning after September

1 30, 1999. Such sums shall remain available until ex-  
2 pended.

3 **SEC. 584. ALASKA.**

4 (a) ESTABLISHMENT OF PROGRAM.—The Secretary  
5 may establish a pilot program for providing environmental  
6 assistance to non-Federal interests in Alaska.

7 (b) FORM OF ASSISTANCE.—Assistance under this  
8 section may be in the form of design and construction as-  
9 sistance for water-related environmental infrastructure  
10 and resource protection and development projects in Alas-  
11 ka, including projects for wastewater treatment and re-  
12 lated facilities, water supply and related facilities, and sur-  
13 face water resource protection and development.

14 (c) OWNERSHIP REQUIREMENTS.—The Secretary  
15 may provide assistance for a project under this section  
16 only if the project is publicly owned or is owned by a native  
17 corporation as defined by section 1602 of title 43, United  
18 States Code.

19 (d) LOCAL COOPERATION AGREEMENTS.—

20 (1) IN GENERAL.—Before providing assistance  
21 under this section, the Secretary shall enter into a  
22 local cooperation agreement with a non-Federal in-  
23 terest to provide for design and construction of the  
24 project to be carried out with the assistance.

1           (2) REQUIREMENTS.—Each local cooperation  
2       agreement entered into under this subsection shall  
3       provide for the following:

4           (A) PLAN.—Development by the Secretary,  
5       in consultation with appropriate Federal and  
6       State officials, of a facilities or resource protec-  
7       tion and development plan, including appro-  
8       priate engineering plans and specifications.

9           (B) LEGAL AND INSTITUTIONAL STRUC-  
10      TURES.—Establishment of such legal and insti-  
11      tutional structures as are necessary to ensure  
12      the effective long-term operation of the project  
13      by the non-Federal interest.

14       (3) COST SHARING.—

15           (A) IN GENERAL.—The Federal share of  
16      the project costs under each local cooperation  
17      agreement entered into under this subsection  
18      shall be 75 percent. The Federal share may be  
19      in the form of grants or reimbursements of  
20      project costs.

21           (B) CREDIT FOR DESIGN WORK.—The  
22      non-Federal interest shall receive credit for the  
23      reasonable costs of design work completed by  
24      the non-Federal interest prior to entering into  
25      a local cooperation agreement with the Sec-

1           retary for a project. The credit for the design  
2           work shall not exceed 6 percent of the total con-  
3           struction costs of the project.

4           (C) CREDIT FOR INTEREST.—In the event  
5           of a delay in the funding of the non-Federal  
6           share of a project that is the subject of an  
7           agreement under this section, the non-Federal  
8           interest shall receive credit for reasonable inter-  
9           est incurred in providing the non-Federal share  
10          of a project's cost.

11          (D) LAND, EASEMENTS, AND RIGHTS-OF-  
12          WAY CREDIT.—The non-Federal interest shall  
13          receive credit for land, easements, rights-of-  
14          way, and relocations toward its share of project  
15          costs (including all reasonable costs associated  
16          with obtaining permits necessary for the con-  
17          struction, operation, and maintenance of the  
18          project on publicly owned or controlled land),  
19          but not to exceed 25 percent of total project  
20          costs.

21          (E) OPERATION AND MAINTENANCE.—The  
22          non-Federal share of operation and mainte-  
23          nance costs for projects constructed with assist-  
24          ance provided under this section shall be 100  
25          percent.

1 (e) APPLICABILITY OF OTHER FEDERAL AND STATE  
2 LAWS.—Nothing in this section shall be construed as  
3 waiving, limiting, or otherwise affecting the applicability  
4 of any provision of Federal or State law that would other-  
5 wise apply to a project to be carried out with assistance  
6 provided under this section.

7 (f) REPORT.—Not later than December 31, 2001, the  
8 Secretary shall transmit to Congress a report on the re-  
9 sults of the pilot program carried out under this section,  
10 together with recommendations concerning whether or not  
11 such program should be implemented on a national basis.

12 (g) AUTHORIZATION OF APPROPRIATIONS.—There is  
13 authorized to be appropriated to carry out this section  
14 \$25,000,000 for fiscal years beginning after September  
15 30, 1999. Such sums shall remain available until ex-  
16 pended.

17 **SEC. 585. CENTRAL WEST VIRGINIA.**

18 (a) ESTABLISHMENT OF PROGRAM.—The Secretary  
19 may establish a pilot program for providing environmental  
20 assistance to non-Federal interests in central West Vir-  
21 ginia.

22 (b) FORM OF ASSISTANCE.—Assistance under this  
23 section may be in the form of design and construction as-  
24 sistance for water-related environmental infrastructure  
25 and resource protection and development projects in cen-



1 tral West Virginia, including projects for wastewater  
2 treatment and related facilities, water supply and related  
3 facilities, and surface water resource protection and devel-  
4 opment.

5 (c) PUBLIC OWNERSHIP REQUIREMENT.—The Sec-  
6 retary may provide assistance for a project under this sec-  
7 tion only if the project is publicly owned.

8 (d) LOCAL COOPERATION AGREEMENTS.—

9 (1) IN GENERAL.—Before providing assistance  
10 under this section, the Secretary shall enter into a  
11 local cooperation agreement with a non-Federal in-  
12 terest to provide for design and construction of the  
13 project to be carried out with the assistance.

14 (2) REQUIREMENTS.—Each local cooperation  
15 agreement entered into under this subsection shall  
16 provide for the following:

17 (A) PLAN.—Development by the Secretary,  
18 in consultation with appropriate Federal and  
19 State officials, of a facilities or resource protec-  
20 tion and development plan, including appro-  
21 priate engineering plans and specifications.

22 (B) LEGAL AND INSTITUTIONAL STRUC-  
23 TURES.—Establishment of such legal and insti-  
24 tutional structures as are necessary to ensure

1 the effective long-term operation of the project  
2 by the non-Federal interest.

3 (3) COST SHARING.—

4 (A) IN GENERAL.—The Federal share of  
5 the project costs under each local cooperation  
6 agreement entered into under this subsection  
7 shall be 75 percent. The Federal share may be  
8 in the form of grants or reimbursements of  
9 project costs.

10 (B) CREDIT FOR DESIGN WORK.—The  
11 non-Federal interest shall receive credit for the  
12 reasonable costs of design work completed by  
13 the non-Federal interest prior to entering into  
14 a local cooperation agreement with the Sec-  
15 retary for a project. The credit for the design  
16 work shall not exceed 6 percent of the total con-  
17 struction costs of the project.

18 (C) CREDIT FOR INTEREST.—In the event  
19 of a delay in the funding of the non-Federal  
20 share of a project that is the subject of an  
21 agreement under this section, the non-Federal  
22 interest shall receive credit for reasonable inter-  
23 est incurred in providing the non-Federal share  
24 of a project's cost.

1                   (D) LAND, EASEMENTS, AND RIGHTS-OF-  
2                   WAY CREDIT.—The non-Federal interest shall  
3                   receive credit for land, easements, rights-of-  
4                   way, and relocations toward its share of project  
5                   costs (including all reasonable costs associated  
6                   with obtaining permits necessary for the con-  
7                   struction, operation, and maintenance of the  
8                   project on publicly owned or controlled land),  
9                   but not to exceed 25 percent of total project  
10                  costs.

11                  (E) OPERATION AND MAINTENANCE.—The  
12                  non-Federal share of operation and mainte-  
13                  nance costs for projects constructed with assist-  
14                  ance provided under this section shall be 100  
15                  percent.

16           (e) APPLICABILITY OF OTHER FEDERAL AND STATE  
17   LAWS.—Nothing in this section shall be construed as  
18   waiving, limiting, or otherwise affecting the applicability  
19   of any provision of Federal or State law that would other-  
20   wise apply to a project to be carried out with assistance  
21   provided under this section.

22           (f) REPORT.—Not later than December 31, 2001, the  
23   Secretary shall transmit to Congress a report on the re-  
24   sults of the pilot program carried out under this section,

1 together with recommendations concerning whether or not  
2 such program should be implemented on a national basis.

3 (g) CENTRAL WEST VIRGINIA DEFINED.—In this  
4 section, the term “central West Virginia” means the coun-  
5 ties of Mason, Jackson, Putnam, Kanawha, Roane, Wirt,  
6 Calhoun, Clay, Nicholas, Braxton, Gilmer, Lewis, Upshur,  
7 Randolph, Pendleton, Hardy, Hampshire, Morgan, Berke-  
8 ley, and Jefferson, West Virginia.

9 (h) AUTHORIZATION OF APPROPRIATIONS.—There is  
10 authorized to be appropriated to carry out this section  
11 \$10,000,000 for fiscal years beginning after September  
12 30, 1999. Such sums shall remain available until ex-  
13 pended.

14 **SEC. 586. SACRAMENTO METROPOLITAN AREA WATERSHED**  
15 **RESTORATION, CALIFORNIA.**

16 (a) IN GENERAL.—The Secretary is authorized to  
17 undertake environmental restoration activities included in  
18 the Sacramento Metropolitan Water Authority’s “Water-  
19 shed Management Plan”. These activities shall be limited  
20 to cleanup of contaminated groundwater resulting directly  
21 from the acts of any Federal agency or Department of  
22 the Federal Government at or in the vicinity of McClellan  
23 Air Force Base, California; Mather Air Force Base, Cali-  
24 fornia; Sacramento Army Depot, California; or any loca-  
25 tion within the watershed where the Federal Government

1 would be a responsible party under any Federal environ-  
2 mental law.

3 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
4 authorized to be appropriated to carry out this section  
5 \$5,000,000 for fiscal years beginning after September 30,  
6 1999.

7 **SEC. 587. ONONDAGA LAKE.**

8 (a) IN GENERAL.—The Secretary is authorized to  
9 plan, design, and construct projects for the environmental  
10 restoration, conservation, and management of Onondaga  
11 Lake, New York, and to provide, in coordination with the  
12 Administrator of the Environmental Protection Agency, fi-  
13 nancial assistance to the State of New York and political  
14 subdivisions thereof for the development and implementa-  
15 tion of projects to restore, conserve, and manage Onon-  
16 daga Lake.

17 (b) PARTNERSHIP.—In carrying out this section, the  
18 Secretary shall establish a partnership with appropriate  
19 Federal agencies (including the Environmental Protection  
20 Agency) and the State of New York and political subdivi-  
21 sions thereof for the purpose of project development and  
22 implementation. Such partnership shall be dissolved not  
23 later than 15 years after the date of the enactment of this  
24 Act.

1 (c) COST SHARING.—The non-Federal share of the  
 2 cost of a project constructed under subsection (a) shall  
 3 be not less than 30 percent of the total cost of the project  
 4 and may be provided through in-kind services.

5 (d) EFFECT ON LIABILITY.—Financial assistance  
 6 provided under this section shall not relieve from liability  
 7 any person who would otherwise be liable under Federal  
 8 or State law for damages, response costs, natural resource  
 9 damages, restitution, equitable relief, or any other relief.

10 (e) AUTHORIZATION OF APPROPRIATIONS.—There is  
 11 authorized to be appropriated \$10,000,000 to carry out  
 12 the purposes of this section.

13 (f) REPEAL.—Section 401 of the Great Lakes Crit-  
 14 ical Programs Act of 1990 (104 Stat. 3010) and section  
 15 411 of the Water Resources Development Act of 1990  
 16 (104 Stat. 4648) are repealed as of the date of the enact-  
 17 ment of this Act.

18 **SEC. 588. EAST LYNN LAKE, WEST VIRGINIA.**

19 The Secretary shall defer any decision relating to the  
 20 leasing of mineral resources underlying East Lynn Lake,  
 21 West Virginia, project lands to the Federal entity vested  
 22 with such leasing authority.

23 **SEC. 589. EEL RIVER, CALIFORNIA.**

24 The Secretary shall conduct a study to determine if  
 25 flooding in the City of Ferndale, California, is the result

1 of a Federal flood control project on the Eel River. If the  
2 Secretary determines that the flooding is the result of the  
3 project, the Secretary shall take appropriate measures (in-  
4 cluding dredging of the Salt River and construction of  
5 sediment ponds at the confluence of Francis, Reas, and  
6 Williams Creeks) to mitigate the flooding.

7 **SEC. 590. NORTH LITTLE ROCK, ARKANSAS.**

8 (a) IN GENERAL.—The Secretary shall review a re-  
9 port prepared by the non-Federal interest concerning flood  
10 protection for the Dark Hollow area of North Little Rock,  
11 Arkansas. If the Secretary determines that the report  
12 meets the evaluation and design standards of the Corps  
13 of Engineers and that the project is economically justified,  
14 technically sound, and environmentally acceptable, the  
15 Secretary shall carry out the project.

16 (b) TREATMENT OF DESIGN AND PLAN PREPARA-  
17 TION COSTS.—The costs of design and preparation of  
18 plans and specifications shall be included as project costs  
19 and paid during construction.

20 **SEC. 591. UPPER MISSISSIPPI RIVER, MISSISSIPPI PLACE,**  
21 **ST. PAUL, MINNESOTA.**

22 (a) IN GENERAL.—The Secretary may enter into a  
23 cooperative agreement to participate in a project for the  
24 planning, design, and construction of infrastructure and

1 other improvements at Mississippi Place, St. Paul, Min-  
2 nesota.

3 (b) COST SHARING.—

4 (1) IN GENERAL.—The Federal share of the  
5 cost of the project shall be 50 percent. The Federal  
6 share may be provided in the form of grants or re-  
7 imbursements of project costs.

8 (2) CREDIT FOR NON-FEDERAL WORK.—The  
9 non-Federal interest shall receive credit toward the  
10 non-Federal share of the cost of the project for rea-  
11 sonable costs incurred by the non-Federal interests  
12 as a result of participation in the planning, design,  
13 and construction of the project.

14 (3) LAND, EASEMENTS, AND RIGHTS-OF-WAY  
15 CREDIT.—The non-Federal interest shall receive  
16 credit toward the non-Federal share of the cost of  
17 the project for land, easements, rights-of-way, and  
18 relocations provided by the non-Federal interest with  
19 respect to the project.

20 (4) OPERATION AND MAINTENANCE.—The non-  
21 Federal share of operation and maintenance costs  
22 for the project shall be 100 percent.



(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated \$3,000,000 to carry out this section.

Passed the House of Representatives April 29, 1999.

Attest: **JEFF TRANDAH**,  
*Clerk.*